August 26, 2008

State Of Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801

Re: Application for Permit to Drill

Attached please find one (1) original copy of an Applications for Permit to Drill on the following location:

#### FEDERAL 7-3D-65

If you have any questions regarding this "APD" please call me at (435) 722-1325 or (435) 823-1808.

Thank you,

Shelley E. Crozier

Regulatory & Permitting Specialist

sec@bry.com

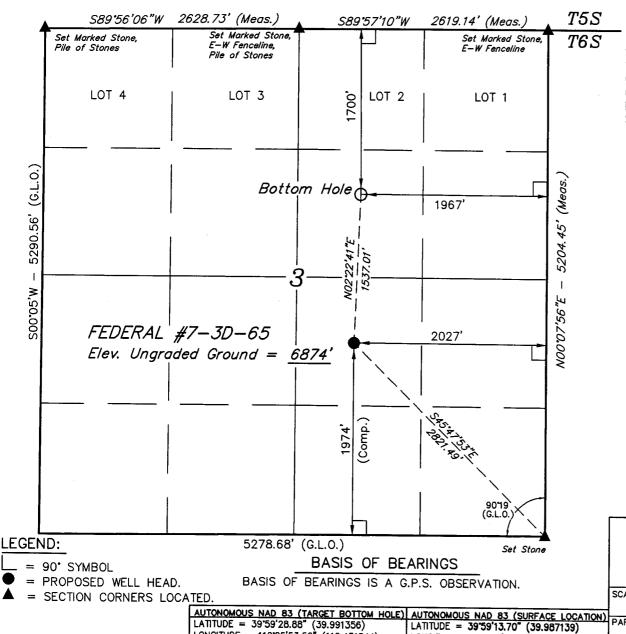
#### FORM 3

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

AMENDED REPORT	П	
(highlight changes)		

	APPLICATION FOR I	PERMIT TO	DRILL			5. MINERAL LEASE NO: UTU-77326	6. SURFACE: FOREST
1A. TYPE OF W	DRILL [7] REENTER	] DEEPEN	П			7. IF INDIAN, ALLOTTEE O	R TRIBE NAME:
B. TYPE OF WI		_	NGLE ZONE	MULTIPLE ZON	IE 🗌	8. UNIT or CA AGREEMEN	Γ NAME:
2. NAME OF O						9. WELL NAME and NUMBE	ER: AL 7-3D-65
3. ADDRESS C		LITALI O	1000	PHONE NUMBER: (435)722-1325		10. FIELD AND POOL, OR W	
4. LOCATION C	OX 7735 CITY ROOSEVELT STA	ATE UTAHZIP 84	<del>1</del> 066   (3////	(435)122-1325		11. QTR/QTR, SECTION, TO	
AT SURFAC	OF WELL (FOOTAGES) 7571 X 4421 2604 39.987 ( 1974' FSL, 2027' FEL 20 901421-1	10 420 277	NAD 27	,		MERIDIAN: (NW/	•
548583 AT PROPOS	E: 1974 FSL, 2027 FEL 3 Y 4426751 Y 39.991431 -1 ED PRODUCING ZONE: YBHL: 1700' FNL, 196	7' FEL GUNE	39.987178 110.431064	LAT LONG		SEC. 3, T.6 U.S.B	•
	N MILES AND DIRECTION FROM NEAREST TOWN OR POST					12. COUNTY:	13. STATE:
	MILES FROM MYTON, UTAH O NEAREST PROPERTY OR LEASE LINE (FEET)	AE NUMBER OF	ACRES IN LEASE:		17 NU	DUCHESNE MBER OF ACRES ASSIGNE	UTAH D TO THIS WELL:
15. DISTANCE 1	O NEAREST PROPERTY OR LEASE LINE (FEET)	16. NUMBER OF A	1922		17. NO	40	D 10 THIS WELL.
18. DISTANCE T	O NEAREST WELL (DRILLING, COMPLETED, OR IR) ON THIS LEASE (FEET)	19. PROPOSED D			20. BO	ND DESCRIPTION:	
40'			5204		00.50	RLB0005651	
	S (SHOW WHETHER DF, RT, GR, ETC.):		E DATE WORK WI		23. ES	TIMATED DURATION:  APPROXIMATEL	Y 6 DAYS
24.				ING PROGRAM	1	ALTROAMATE	
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH			ANTITY,	YIELD, AND SLURRY WEIG	нт
12 1/4	8 5/8 J-55 ST&C or LT&C 24#	350'	TYPE III + ADD	ITIVES	135 S	X 1.17 CF/SK	15.8 PPG
7 7/8	5 1/2 J-55 LT&C 15.5#	3000' TD	PREMIUM LIGI		200 S		11.0 PPG 13.0 PPG
		10	FREIMIOW EIG	111	220 3.	1.69 CF/3K	
			NOTE: ACTUA	AL VOLUMES PUMPE	D WILL	BE CALIPER HOLE VO	LUME+20% EXCESS
25.		ATTA	CHMENTS				
VERIFY THE FOL	LOWING ARE ATTACHED IN ACCORDANCE WITH THE UTA	H OIL AND GAS CONSI	ERVATION GENER	AL RULES:			
₩ELL PLAT	OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINE	EER	√ coм	IPLETE DRILLING PLAN			
	OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF V			M.5. IF OPERATOR IS PE	RSON (	OR COMPANY OTHER THAN	I THE LEASE OWNER
TA EAIDENCE (	DI DIVISION OF WATER RIGHTS AFFROVAL FOR COLL OF V	WATER .				51. OOM 71. OTHER 177.	
NAME (PLEASE	PRINT) SHELLEY E. CRO	DZIER	TITLE	REGULATO	DRY 8	R PERMITTING SPE	ECIALIST
10 mz (1 22/102	Shara G Ar	<b>~</b> .					-
SIGNATURE	Overey c. Cruz	lr	DATE			08/26/08	
(This space for State o	se only)			ved by the			
	42012 2411	29W - \$ 40 - 60 - 40 -		Division of and Mini.ng			
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(11/2001)	. aupl of this	(See Instruction	late: D	1-54-05	\		
(17/2001)	Federal Approval of this Action is Necessary	(SSC MISHAGINA)	X	$(I)\cap(I)$	1	AUG 27	
	<b>€ №</b>		A: Me	MAN TO THE TOWN	۸_	DIV. OF OIL, GA	4S & MINING
				1.77			

# T6S, R5W, U.S.B.&M.



 $LONGITUDE = 110^{\circ}25'53.56'' (110.431544)$ 

LATITUDE = 39'59'29.02" (39.991394) LONGITUDE = 110'25'51.01" (110.430836) LONGITUDE = 110'25'54.38" (110.431772

LATITUDE = 39'59'13.84" (39.987178) LONGITUDE = 110"25'51.83" (110.431064)

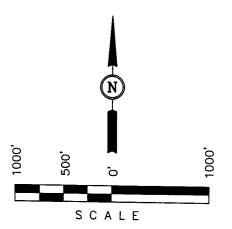
AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE) AUTONOMOUS NAD 27 (SURFACE LOCATION)

# BERRY PETROLEUM COMPANY

Well location, FEDERAL #7-3D-65, located as shown in the NW 1/4 SE 1/4 of Section 3, T6S, R5W, U.S.B.&M., Duchesne County, Utah.

## BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 18, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6559 FEET.

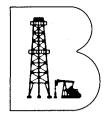


#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MARKED HE OF WATER MY SUPERVISION AND THAT THE SAME AND TO THE BEST OF MY KNOWLEDGE AND BELLEN

Untah Engineering & Januaryeying 85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435)	789-1017	
SCALE 1" = 1000'	DATE SURVEYED: 06-16-08	DATE DRAWN: 08-07-08
PARTY S.H. T.P. L.K.	REFERENCES G.L.O. PLA	·Τ
WEATHER HOT	FILE BERRY PETROL	EUM COMPANY



# **Berry Petroleum Company**

Brundage Canyon Field 4000 South 4028 West Rt. 2 Box 7755 Roosevelt, UT 84066

> Ph: (435) 722-1325 Fax: (435) 722-1321

www.brv.com

## August 18, 2008

State of Utah Department 0f Natural Resources Division of Oil, Gas, and Mining 1594 West North Temple, Suite 1210 Box 145801 Salt Lake City, Utah 84114-5801

Re:

Oil and Gas Conservation General Rules

R649-3-3 Exception to Location and Siting of Wells.

Federal No. 7-3D-65

#### Gentlemen:

Berry Petroleum Company is proposing to drill a development well in the Brundage Canyon Field, Duchesne County, Utah. The well is located on lands within the Ashley National Forest. A copy of the Federal Application for Permit to Drill (APD) is attached for your review. This APD has been submitted to the Bureau of Land Management (BLM) in Vernal.

As shown on the attached staking plat, the Federal No. 7-3D-65 well is a directional well in which only the upper part of the objective section (uppermost Douglas Creek) falls outside of the allowed standard well spacing (R649-3-2). Berry is requesting an exception to the spacing requirement per regulation R649-3-3 since Berry was unable to locate the proposed well within the allowed spacing "window" due to topographic constraints. To maintain orderly 40 acre spacing and efficient well drainage the well had to be drilled as a directional well from the proposed Fed 10-3-65 surface location. The rather long reach required of the well forced only the uppermost part of the Douglas Creek objective section to be placed outside of the spacing "window".

In accordance with R649-3-3, Berry is providing a copy of the staking plat showing the proposed location in relation to the allowed spacing "window" and all tracts contacted by a circle with a radius of 460'. A second plat is also attached showing the actual or recently proposed location for all direct or diagonal offsetting wells. As to the 460' radius circle, Berry is also the operator of the SE/4 Section 34, T6S-R5W.

Berry is requesting approval of this excepted location as proposed. If additional information is required, please contact Dan Anderson at (303) 825-3344.

Sincerely,

Shelley E. Črozier

Regulatory & Permitting Assistant

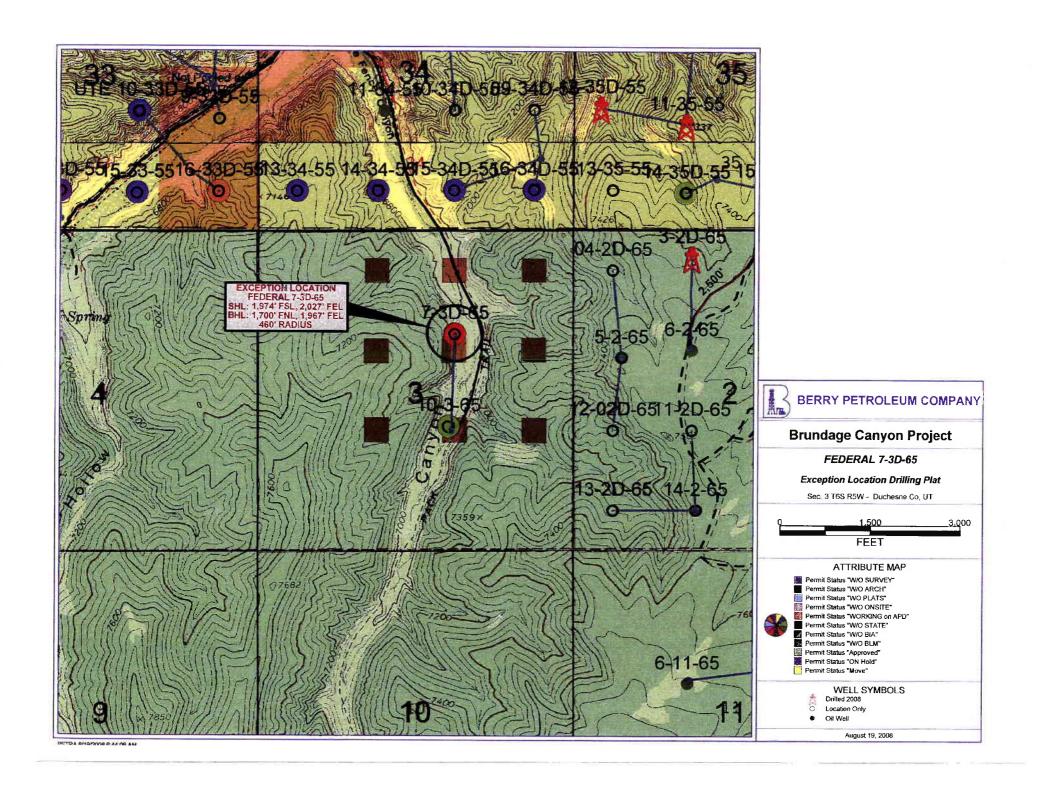
RECEIVED

AUG 27 2008

DIV. OF OIL, GAS & MINING

#### T6S. R5W. U.S.B.&M. Well location, FEDERAL #7-3D-65, located as shown in the NW 1/4 SE 1/4 of Section 3, T6S, R5W, U.S.B.&M., Duchesne County, Utoh. **T5S** BASIS OF ELEVATION S89'56'06"W 2628.73' (Meas.) S89'57'10"W 2619.14' (Meas.) Set Marked Stone. Set Marked Stone **T6S** Set Marked Stone, E-W Fenceline, E-W Fenceline SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION Pile of Stones Pile of Stones 18, T5S, R4W, U.S.B.&M. TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES LOT 3 LOT 2 LOT 1 LOT 4 DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6559 FEET. o (Meas. Bottom Hole 1967 5204.45' FEDERAL #7-3D-65 2027 SCALE Elev. Ungraded Ground = 6874 THIS IS TO CERTIFY THAT THE ABOVE PLANT FIELD NOTES OF ACTUAL SURVEYS MAD THE SUPERVISION AND THAT THE SAME AND BEST OF MY KNOWLEDGE AND BELIEFE SURVEYING Untah Engineering & Land 5278.68' (G.L.O.) LEGEND: Sel Stone 85 SOUTH 200 EAST -VERNAL, UTAH 84078 BASIS OF BEARINGS (435) 789-1017 = 90° SYMBOL BASIS OF BEARINGS IS A G.P.S. OBSERVATION. = PROPOSED WELL HEAD. SCALE DATE SURVEYED: DATE DRAWN: = SECTION CORNERS LOCATED 1" = 1000 06-16-08 08-07-08 AUTONOMOUS NAD 83 (TARGET BOTTOM HOLE) AUTONOMOUS NAD 83 (SURFACE LOCATION) PARTY REFERENCES LATITUDE = 39'59'28.88' (39.991356) LONGITUDE = 110'25'53.56' (110.431544) AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE) LATITUDE - 39'59'13.70" (39.987139) S.H. T.P. L.K. G.L.O. PLAT LONGITUDE - 110"25"54.38" (110.43177 AUTONOMOUS NAD 27 (SURFACE LOCATION) WEATHER LATITUDE = 39"59"29.02" (39.991394) LATITUDE = 39"59"13.84" (39.987178) HOT BERRY PETROLEUM COMPANY LONGITUDE - 110'25'51.01" (110.430836) LONGITUDE - 110'25'51.83" (110.431064)

BERRY PETROLEUM COMPANY



## SELF-CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated March 7, 2007.

Please be advised that Berry Petroleum Company is considered to be the operator of the following well.

Federal 7-3D-65 NW 1/4, SE 1/4, 1974' FSL 2027' FEL, Section 3, T. 6 S., R. 5 W., U.S.B.&M. BHL: SW 1/4, NE 1/4, 1700' FNL, 1967' FEL Lease USA UTU-77326 Duchesne, County, Utah

Berry Petroleum Company is responsible under the terms of the lease for the operations conducted upon the lease lands.

**Shelley Crozier** 

Regulatory & Permitting Specialist Berry Petroleum Company

Shelley E. Crozier

4000 South 4028 West

Route 2, Box 7735

Roosevelt, Utah 84066

435-722-1325

435-823-1808

#### BERRY PETROLEUM COMPANY

Federal 7-3D-65

Surface location NW 1/4, SE 1/4, 1974' FSL 2027' FEL, Section 3, T. 6 S., R. 5 W., U.S.B.&M. BHL: SW 1/4, NE 1/4, 1700' FNL, 1967' FEL Duchesne County, Utah

#### ONSHORE ORDER NO. 1

#### DRILLING PROGRAM

# 1,2 Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation .	Depth@BHL	Depth@SHL
Uinta	On Surface	On Surface
Green River	926'	627'
Green River Upper Marker	1,224'	1,193'
Mahogany	1,876'	1,804'
Tgr3 Marker	2,959'	2,819'
Douglas Creek	3,760'	3,567'
*Black Shale	4,394'	4,160'
*Castle Peak	4,727'	4,472'
Uteland Butte Ls.	5,172'	4,891'
Wasatch	5,392'	5,104'
TD	5,501'	5,204'
Base of Moderately Saline	3,078'	2,700'

<sup>\*</sup>PROSPECTIVE PAY

Berry is locating the well at the proposed surface location and directionally drilling to the proposed bottom hole location primarily because of severe topographical limitations. By drilling directionally, Berry Petroleum Company will improve field development efficiency by potentially combining multiple surface hole locations together. This will significantly reduce total surface disturbance plus combine the use of access roads and existing pipelines.

Furthermore, Berry hereby certifies that it is the sole working interest owner of all the surrounding 40 acre locations. The proposed well bore will at no point throughout the objective pay section (top Douglas Creek to top Wasatch) approach within 460' of any of the potential offsetting 40 acre well sites.

#### 3 Pressure Control Equipment: (Schematic Attached)

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>2M</u> system when the well is drilled to the base of the Uteland Butte Limestone formation, and individual components shall be operable as designed. The attached diagram depicts the use of an annular in conjunction with double rams. However, an annular, double rams or both may be used depending on the drilling rig contracted. Chart recorders will be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

All required BOP tests and/or drills shall be recorded in the IADC report.

The anticipated bottom hole pressure will be less than 3,000 psi.

# 4 Proposed Casing and Cementing Program

The proposed Casing Program will be as follows:

Purpose	Depth	Hole Size	Casing Size	Туре	Connection	Weight
Surface Production	300' 5204'	12 ¼" 7-7/8"	8 -5/8" 5 ½"	J-55 J-55	ST&C or LT&C LT&C	24# 15.5#
Surface		Fill	Type & Amount			
0'-300'  Approximately 135 sx Class "G" (Type additives or a similar slurry with a min of 15.8 ppg and approximate yield of minimum 24 hr compressive strength (Cement will be circulated to surface a if necessary.)					ry with a minimum nate yield of 1.17 c ive strength = 500	weight f/sk, psi
Production with lost	t circulation	on	Type & Amount			
0'-5204'			SEE ATTACHE	ED CEMI	ENT PROCEDURI	ES
Production withou	t lost circ	ulation Type	& Amount			

0'- 5204'

SEE ATTACHED CEMENT PROCEDURES

For production casing, actual cement volumes will be determined from the caliper log plus a minimum of 20% excess.

**Drilling Program** Duchesne County, Utah

## 5 Drilling Fluids Program

Interval	Weight	Viscosity	Fluid Loss	Remarks	
0'-300'	8.3-8.6	27-40	NC	Spud Mud or air	
300'-TD	8.6-8.9	27-40	NC	KCL Water	
valuation Prog	ram				

## E١

Evaluation Program	
Logging Program:	HRI-GR-SP with SDL-DSN-PE: surface casing to TD. Preserve samples from all show intervals.
Sampling:	10' dry cut samples: Douglas Creek to TD. Preserve samples From all show intervals.
Surveys:	As deemed necessary
Mud Logger:	As deemed necessary
Drill Stem Tests:	As deemed necessary
Cores:	As deemed necessary

## **Abnormal Conditions**

No abnormal temperatures or pressures or other hazards are anticipated.

## **Anticipated Starting Dates and Notification of Operations**

Drilling Activity:

Anticipated Commencement Date:

Drilling Days:

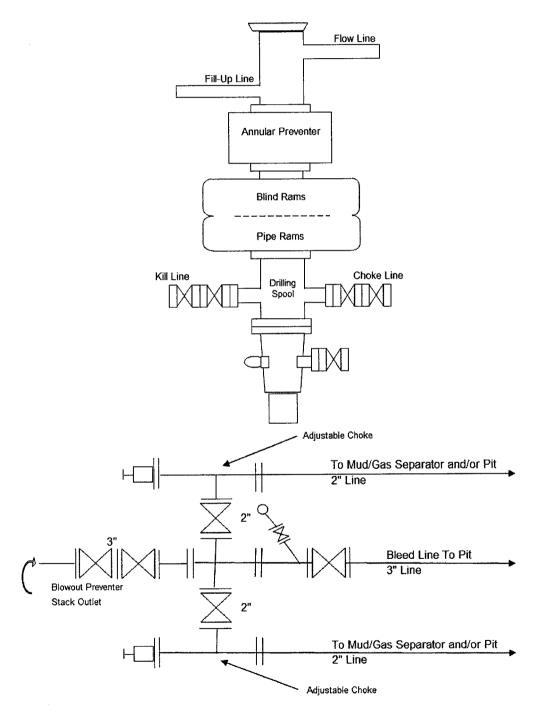
Completion Days:

Upon approval of the APD.

Approximately 6 days.

Approximately 7 days.

# SCHEMATIC DIAGRAM OF 2,000 PSI BOP STACK



# BERRY PETROLEUM COMPANY

#### Federal 7-3D-65

Surface location NW 1/4, SE 1/4, 1974' FSL 2027' FEL, Section 3, T. 6 S., R. 5 W., U.S.B.&M. BHL: SW 1/4, NE 1/4, 1700' FNL, 1967' FEL Duchesne County, Utah

#### ONSHORE ORDER NO. 1

#### MULTI POINT SURFACE USE & OPERATIONS PLAN

#### 1 Existing Roads

To reach the Berry Petroleum Company well, Federal 7-3D-65 location, in Section 3-T6S-R5W:

Start in Myton, Utah. Proceed west on US Highway 40, 8.6 miles to the Antelope Creek/Sowers Canyon Road at the Bridgeland turnoff. Turn south and proceed southwest 18.3 miles. Turn east on the Wire Fence Canyon Road and proceed southeast 1.2 miles to the Federal 10-3-65 access road. Turn on the access road and proceed to the Federal 7-3D-65 location.

The existing oilfield service road may need some surface material to prevent or repair holes in the road due to heavy truck traffic during the drilling and completion operation. If repairs are made the operator will secure material from private sources.

Please see the attached map for additional details.

#### 2 Planned Access Road

See Topographic Map "B" for the location of the proposed access road.

On National Forest Service (NFS) lands, access roads will conform to standards outlined in the BLM and Forest Service publication, <u>Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development</u> "Gold Book" <u>4<sup>th</sup> Edition</u>, 2006.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

New access roads will be crowned (2 to 3%), ditched, and constructed with a running surface of 22 feet and a maximum disturbed width of 35 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and shall be allowed to dry completely.

The disturbed width needed may be wider than 35 feet to accommodate larger equipment where deep cuts are required for road construction; intersections or sharp curves occur; or, as proposed by the operator. Approval will be required from the Forest Supervisor, Vernal, Utah (FS).

Appropriate water control structures will be installed to control erosion.

Unless otherwise specified, the following specifications will apply:

The road grade in the Project Area will be 10% or less, wherever possible. The 10% grade would only be exceeded in areas where physical terrain or unusual circumstances require it.

Turn-out areas will not be constructed unless they were deemed necessary for safety reasons.

There will be no major cuts and fills, culverts, or bridges. If it becomes necessary to install a culvert at some time after approval of the APD, the operator will submit a Sundry Notice requesting approval of the USFS Authorized Officer.

The access road will be centerline flagged during time of staking.

There will be no gates, cattle guards, fence cuts, or modifications to existing facilities without prior consent of the FS.

Surfacing material may be necessary, depending upon weather conditions.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. Best efforts will be made such that all drainage ditches and culverts will be kept clear and free flowing and will be maintained according to the original construction standards. The access road ROW will be kept free of trash during operations. All traffic will be confined to the approved running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing, nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside the borrow ditches, and the cutouts kept clear so that snowmelt will be channeled away from the road.

#### 3 Location of Existing Wells

See Topographic Map "C" for the location of existing wells within a 1mile radius.

# 4 Location of Tank Batteries, Production Facilities and Production Gathering and Service Lines

All permanent (on site for six months or longer) structures constructed or installed will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required paint color is desert brown (10YR 6/4) unless otherwise designated by the Authorized Officer.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). This dike will be constructed of compacted subsoil, be impervious, and hold 150% of the capacity of the largest tank. The use of topsoil for the construction of dikes will not be allowed. A Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded with the BLM/VFO Authorized Officer's approval to meet SPCC requirements.

A description of the proposed pipeline and a map illustrating the proposed route is attached.

All site security guidelines identified in Federal regulation 43 CFR 3126.7, will be adhered to. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease production will have prior written approval form the Authorized Agency Officer.

Gas meter runs will be located approximately 100 feet from the wellhead. Where necessary, the gas line will be anchored down from the wellhead to the meter.

#### 5 Location and Type of Water Supply

Water for the drilling and completion will be pumped or trucked from the Berry source wells located in Sec. 23, T5S, R5W or Sec. 24, T5S, R5W, permit # 43-11041, or from Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W or from East Duchesne Water, Arcadia Feedlot, Sec. 28, T3S, R3W or Myton (Moon) Pit, SE/NE Sec. 27, T3S, R2W or from Petroglyph Operating Company 08-04 Waterplant, Sec. 8, T5S, R3W or from Kenneth V. & Barbara U. Richens source well located in Sec. 34, T3S, R2W, permit # 43-1723 or Brundage Canyon Field produced water or Leo Foy source well located in Sec. 34, T5S, R5W, permit # 43-11324.

#### 6 Source of Construction Materials

All construction materials for this location site and access road shall be borrow material accumulated during construction of the location site and access road.

Additional gravel or pit lining material will be obtained from a private source.

The use of materials under Authorized Agency jurisdiction will conform with 43 CFR 3610.2-3.

#### 7 Methods of Handling Waste Materials

Drill cuttings will be contained in a closed loop system or a reserve pit and buried in the reserve pit or spread on location.

Drilling fluids, including salts and chemicals, will be contained in a closed loop system or a reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility. For wells completed from October 1 through April 30, any hydrocarbons in the pit shall be removed from May 1 to September 30 in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

If it is determined at the onsite that a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner a minimum of 12 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. Trash or scrap that could puncture the liner will not be disposed of in the pit.

Reserve pit leaks are considered an unacceptable and undesirable event and will be orally reported to the Authorized Officer.

Drain tanks will be installed with a 3" sand or dirt pad underneath a 20 millimeter thick liner which will extend 12" over the top edges of the pit. There will be room around the outside walls of the tank for visual inspection. There will be an escape route for animals from the bottom of the pit to ground level.

After first production, produced wastewater will be trucked to one of the following approved waste water disposal sites: R.N. Industries, Inc. Sec. 4, T2S, R2W, Bluebell; MC & MC Disposal Sec. 12, T6S, R19E, Vernal; LaPoint Recycle & Storage Sec. 12, T5S, R19E, LaPoint or Water Disposal Inc. Sec. 32, T1S, R1W, Roosevelt, used in the operations of the field or, unless prohibited by the Authorized Officer, disposed of to the approved pit for a period not to exceed 90 days. The use of such pit is hereby approved as part of this Application for Permit to Drill.

All production fluids will be disposed of at approved disposal sites. Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The indiscriminate dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical portable toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location.

All debris and other waste materials not contained in the trash cage will be cleaned up and removed from the location promptly after removal of the completion rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas.

#### 8 Ancillary Facilities

There are no ancillary facilities planned for at this time and none are foreseen in the future.

#### 9 Wellsite Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and surface material stockpile(s).

The diagram describes rig orientation, parking areas, and access roads as well as the location of the following:

The reserve pit.

The stockpiled topsoil, which shall not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.

The flare pit, which will be located downwind from the prevailing wind direction.

The access road.

All pits will be fenced according to the following minimum standards:

39-inch net wire shall be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.

Standard steel posts shall be used between the corner braces, between the corner posts. Distance between any two posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

#### 10 Plans for Restoration of the Surface

The dirt contractor will be provided with approved copies of the Surface Use Plan and these Standard Operating Procedures prior to construction activities.

Upon well completion, within 30 days the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

On lands administered by the Forest Service, abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the re-establishment of appropriate soil conditions, and the re-establishment of vegetation as specified.

All disturbed areas will be re-contoured to the approximate natural contours.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

Prior to backfilling the reserve pit, the fence surrounding the reserve pit will be removed. The pit liner will be folded and torn after the pit dries and prior to backfilling the reserve pit.

Before any dirt work associated with reserve pit restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations. The reserve pit will be reclaimed within 180 days from the date of well completion, weather permitting. Once reclamation activities have begun, the activities will be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The object is to keep seasonal rainfall and runoff from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert runoff as needed.

Prior to the construction of the location, the top 12 inches of soil material (if present) will be stripped and stockpiled. Placement of the topsoil will be noted on the location plat attached to the site specific APD. Topsoil shall be stockpiled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas, including the old access road, will be scarified and left with a rough surface.

The Authorized Officer or the appropriate surface management agency shall be contacted for the required seed mixture. Seed will be broadcast and the amount of seed mixture per acre will be doubled. The seeded area will then be "walked" with a dozer to assure coverage of the seeds. The seed mixture will reflect the recommendation from the Archeology study done on the site specific APD.

At final abandonment, all casing shall be cut off at the base of the cellar or 3 feet below final restored ground level, whichever is deeper, and cap the casing with a metal plate a minimum of 0.25 inches thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap also will be constructed with a weep hole.

#### 11 Surface Ownership

#### **United States Forest Service**

#### 12 Other information

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities. A list of noxious weeds may be obtained from the Forest Service, BLM, or the appropriate County Extension Office. On NFS administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides or other pesticides or possibly hazardous chemicals.

Drilling rigs and/or equipment used during drilling operations on this location will not be stacked or stored on National Forest Service-administered lands after the conclusion of drilling operations or at any other time without authorization by the NFS. If authorization is obtained, such storage is only a temporary measure.

Travel is restricted only to approved travel routes.

Unless previously conducted, a class III archaeological survey will be conducted on all Forest Service lands. All personnel will refrain from collecting artifacts and from disturbing any significant cultural resources in the area. The operator is responsible for informing all persons in the area who are associated with this project that they may be subject to prosecution for knowingly disturbing historic or archaeological sites or for collecting artifacts. All vehicular traffic, personnel movement, construction, and restoration activities shall be confined to the areas examined, as referenced in the archaeological report, and to the existing roadways and/or evaluated access routes. If historic or archaeological materials are uncovered during construction, the Operator is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

Within five working days, the Authorized Officer will inform the operator as to:

Whether the materials appear eligible for the National Historic Register of Historic Places;

The mitigation measures the operator will likely have to undertake before the site can be used (assuming in-situ preservation is not necessary); and,

The time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that the mitigation measures are appropriate.

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer and/or the surface owner will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise the operator will be responsible for mitigation costs. The Authorized Officer and/or the surface owner will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the Operator will then be allowed to resume construction.

On surface administered by the NFS, all surface use will be conducted in accordance with the STIPULATION FOR LANDS OF THE NATIONAL FOREST SYSTEM UNDER JURISDICTION OF THE DEPARTMENT OF AGRICULTURE, including:

If the surface is owned by another entity (FEE OWNER) and the mineral rights are owned by the BLM, a right-of-way will be obtained from the other entity.

Operator's employees, including subcontractors, will not gather firewood along roads constructed by the operator.

> All roads constructed by the operator will have appropriate signs. Signs will be neat and of sound construction. The sign will state: (a) that the land is located within the Ashley National Forest boundary (b) the name of the Operator, (c) that firearms are prohibited, (d) only authorized personnel are permitted.

All well site locations will have appropriate signs indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footages or the quarter/quarter section; the section, township, and range).

#### 13 **Operator's Representative and Certification**

A) Representative

NAME:

Shelley E. Crozier

Regulatory & Permitting Specialist

ADDRESS:

Berry Petroleum Company 4000 South 4028 West

Rt. 2 Box 7735 Roosevelt, UT 84066

PHONE:

435-722-1325 or 435-823-1808

E-MAIL:

sec@bry.com

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders and any applicable Notice to Lessees.

The operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and the Standard Operating Procedures will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

The drilling permit will be valid for a period of two years from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

#### B) Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Berry Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

August 26, 2008

Shelley E. Crozier

Regulatory & Permitting Specialist

Berry Petroleum Company



# Berry Perroleum Company

Brundage Canyon Field 4000 South 4028 West Rt. 2 Box 7755 Roosevelt, UT 84066

> Ph: (435) 722-1325 Fax: (435) 722-1321 www.bry.com

August 21, 2008

Berry Petroleum Company will be using either Manual or Electronic Drilling Fluid Monitoring Systems, for the following wells that have previously been submitted and all future APD's will be duely noted in the Self Certification Statement of future APD's.

FEDERAL 7-3D-65

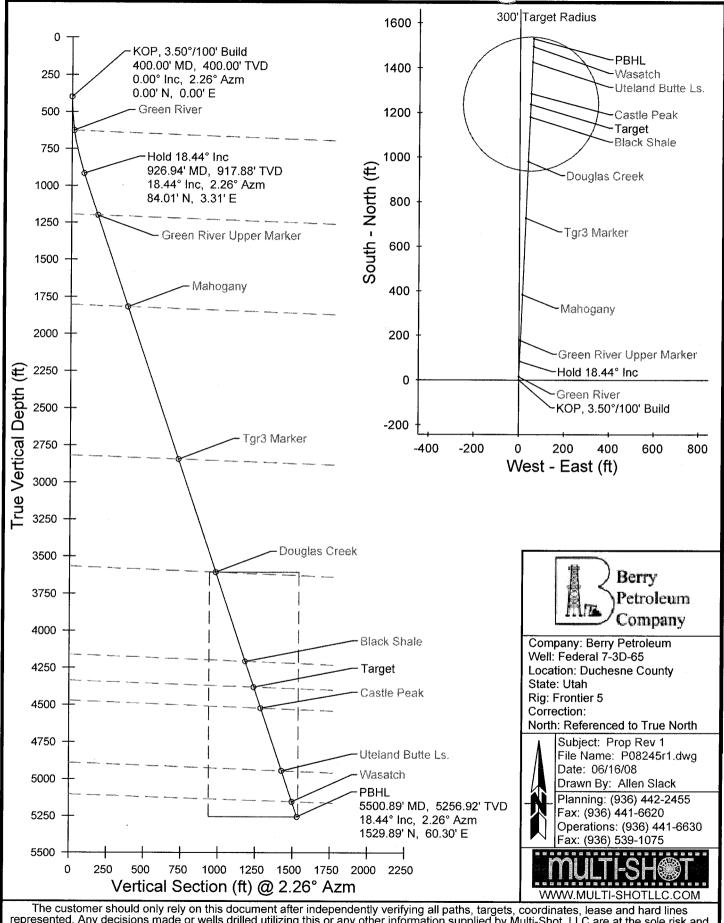
Sincerely,

Tim D. McDonald Drilling Supervisor

Berry Petroleum Company

RECEIVED
AUG 27 2008

DIV. OF OIL, GAS & MINING



The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Multi-Shot, LLC are at the sole risk and responsibility of the customer. Multi-Shot, LLC is not responsible for the accuracy of this schematic or the information contained herein.

MULTI-SH®T

Job Number: P08-245

Company: Berry Petroleum

Lease/Well: Federal 7-3D-65

**Location: Duchesne County** 

Rig Name: Frontier 5

RKB: 14'

G.L. or M.S.L.: 6874'

State/Country: Utah

Declination:

Grid: Referenced to True North

File name: F:\WELLPL~1\2008\P08240'S\P08245\08245.SVY

Date/Time: 16-Jun-08 / 13:34 Curve Name: Prop Rev 1

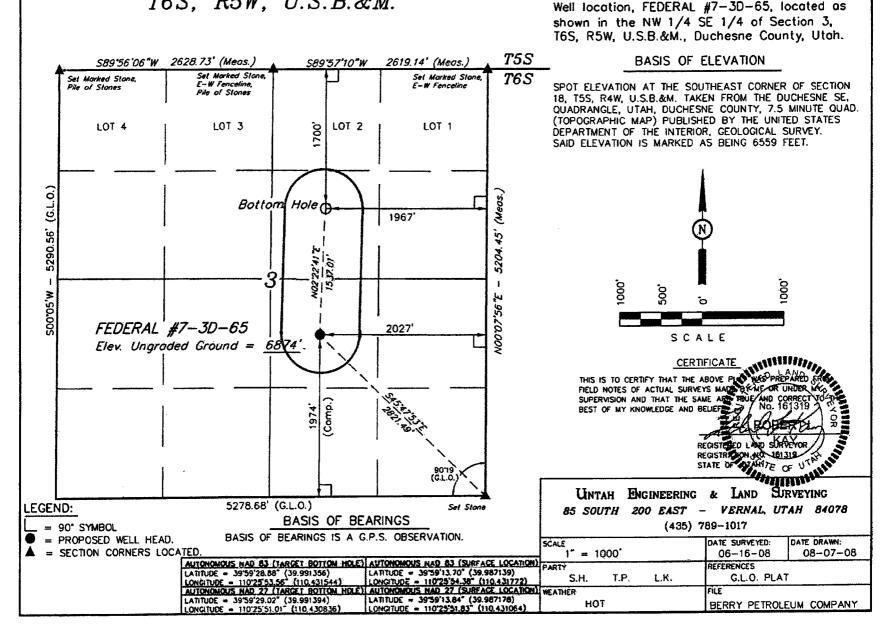
#### WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method
Vertical Section Plane 2.26
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

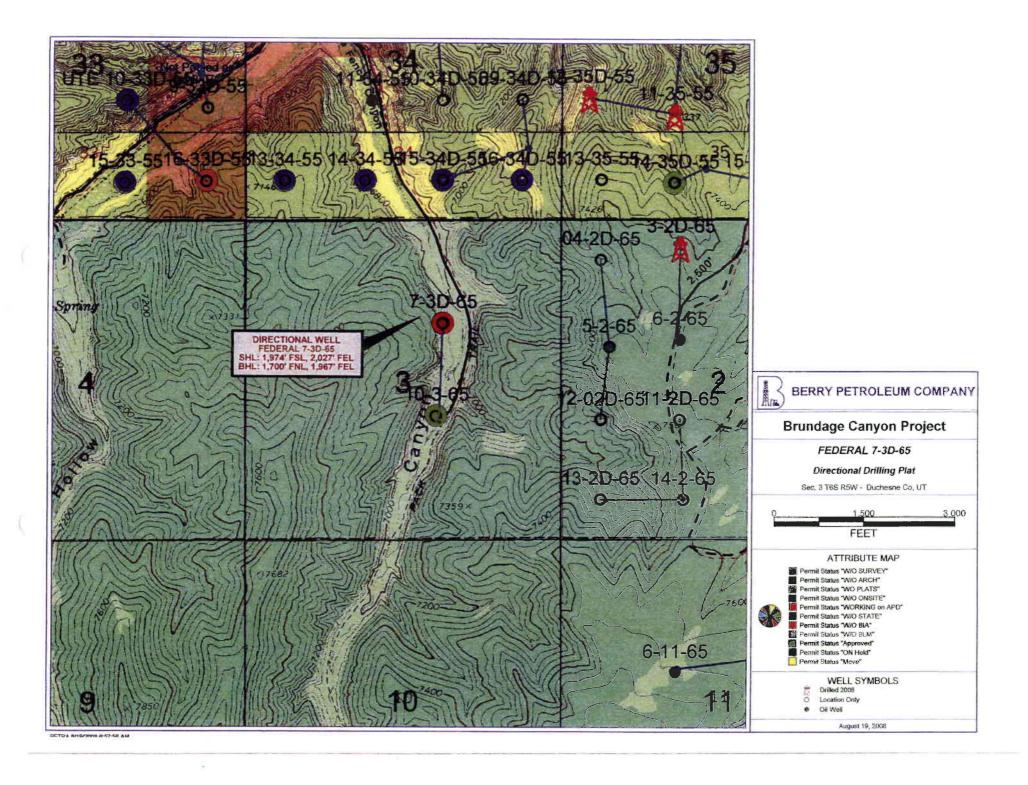
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100	
KOP, 3.50	°/100' Rui	ild			· · · · · · · · · · · · · · · · · · ·	<del></del>				$\neg$
			400.00	00	00	00	00	00	00	H
400.00	.00	2.26	400.00	.00	.00	.00	.00	.00	.00	
500.00	3.50	2.26	499.94	3.05	.12	3.05	3.05	2.26	3.50	
600.00	7.00	2.26	599.50	12.19	.48	12.20	12.20	2.26	3.50	
Green Riv	er									
627.91	7.98	2.26	627.17	15.83	.62	15.84	15.84	2.26	3.50	
700.00	10.50	2.26	698.32	27.39	1.08	27.41	27.41	2.26	3.50	_
800.00	14.00	2.26	796.03	48.59	1.92	48.63	48.63	2.26	3.50	
900.00	17.50	2.26	892.26	75.71	2.98	75.77	75.77	2.26	3.50	
Hold 18.4	4° Inc									
926.94	18.44	2.26	917.88	84.01	3.31	84.08	84.08	2.26	3.50	
Green Riv	er Upper	Marker								٦
1223.88	18.44	2.26	1199.58	177.88	7.01	178.02	178.02	2.26	.00	
Mahogany	1									7
1875.90	18.44	2.26	1818.11	383.99	15.13	384.29	384.29	2.26	.00	
Tgr3 Mark	ær									
2958.94	18.44	2.26	2845.52	726.35	28.63	726.91	726.91	2.26	.00	
Douglas C	Creek									٦
3759.63	18.44	2.26	3605.09	979.46	38.60	980.22	980.22	2.26	.00	
Black Sha	ıle									Ī
4394.05	18.44	2.26	4206.93	1180.01	46.51	1180.92	1180.92	2.26	.00	
				Pag	e i					

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O : Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100
Target									
4576.76	18.44	2.26	4380.25	1237.76	48.79	1238.72	1238.72	2.26	.00
Castle Pe	ak								
4726.98	18.44	2.26	4522.76	1285.25	50.66	1286.25	1286.25	2.26	.00
Uteland B	utte Ls.								
5172.40	18.44	2.26	4945.30	1426.05	56.21	1427.16	1427.16	2.26	.00
Wasatch									
5391.65	18.44	2.26	5153.29	1495.36	58.94	1496.52	1496.52	2.26	.00
PBHL		* 1 *							
5500.89	18.44	2.26	5256.92	1529.89	60.30	1531.08	1531.08	2.26	.00

# T6S. R5W. U.S.B.&M.



BERRY PETROLEUM COMPANY



# **Berry Petroleum**

# Fed 7-3D-65

## 5 ½ Production

T.D.

5204 ft

**Hole Size** 

7 7/8

**Casing Size** 

5 ½

Casing Weight 15.50

Tail Cement

5204 - 3500 ft

Lead Cement 3500 to surface

Cement excess 25%

Type V Cement

100% (BWOC)

Gel

16% (BWOC)

Gilsonite

10#/sk

GR 3

3#/sk

Salt

3% (BWOC)

Flocele

14#/sk

#### **Tail Cement** Prem. Lite 220 sks 13.0#/Gal 1.69cuft/sk 8.8 Gal/sk

**Premium G Cement** 

50% (BWOC)

Poz

50% (BWOP)

Gel

2% (BWOC)

Salt 10% (BWOW)

Flocele ¼#/sk

CFL 115 .4% (BWOC)

# **Berry Petroleum**

## Fed 7-3D-65

# 5 ½ Production

T D 5204 ft

Hole Size 7 7/8

Casing Size 5 ½

Casing Weight 15.50

Tail Cement 3500-5204

Lead Cement 5204 to surface

Cement Excess 25%

Lead Cement Hi Fill 200 sks 11.0#/Gal 3.82 cuft/sk 23.0 Gal/sk

Type V Cement 100% (BWOC)

Gel 16% (BWOC)

Gilsonite 10#/sk

GR 3 3#/sk

Salt 3% (BWOC)

Flocele ¼#/sk

Tail Cement 300 sks 50/50 Poz 14.2#/sk 1.26 cuft/sk 5.75 Gal/sk

Class G Cement 50% (BWOC)

Poz 50% BWOP)

Gel 2% (BWOC)

Salt 10% (BWOW)

Flocele ¼#/sk

CFL 115 .4% (BWOC)

# DECISION NOTICE AND FINDING OF NO SIGNIFICANT IMPACT

# Berry Petroleum's 2006 Oil and Natural Gas Exploration Project Environmental Assessment

USDA Forest Service
Roosevelt/Duchesne Ranger District, Ashley National Forest
Duchesne County, Utah

# I. INTRODUCTION

Berry Petroleum Company (Berry) proposed to conduct exploratory oil and natural gas drilling operations within a portion of the South Unit of the Ashley National Forest (ANF) in Duchesne County south of Duchesne, Utah. The proponent's current leases cover approximately 20,865 acres (+/- 1%) located on federal lands in the South Unit of the ANF. These leases grant the proponent the right to drill for, extract, remove, and dispose of all oil and gas within the lands described in the above summary as well as the right to build and maintain necessary leasehold improvements for the term of these leases. These leases have controlled surface use and timing limitation stipulations related to sensitive wildlife, elk winter and yearlong range, lands with steep slopes or geologic hazards or unstable soils, and semi-primitive non-motorized/roadless areas.

The Proposed Action, as described in the 2006 Berry Environmental Assessment, includes the exploratory drilling of 29 wells (14 vertical; 15 directional) from 1 existing and 14 new well pad locations, the upgrading of approximately 3.1 miles (16,220 feet) of existing road/two-track, and the construction of up to 3.2 miles (16,800 feet) of new access roads. The Proposed Action consisted of an exploratory drilling program designed so that Berry may gather information about the extent and distribution of oil and natural gas resources on their federal oil and gas leases and to assess the economic viability of future production. The proposed drilling would target potential oil and gas producing zones of the Green River formation. All wells drilled would be tested, and if they are determined to be uneconomical, they would be plugged and reclaimed within one year after drilling, completion, and testing are completed. Wells that are identified as economically viable would be connected to gas gathering pipelines and equipped with production equipment so that resources could be recovered for the life of the well.

A notice describing the proposed project and requesting public comment was published in the Uinta Basin Standard newspaper on December 22, 2005. The Environmental Assessment which analyzed potential impacts to the human environment from the proposed project was posted on the Ashley National Forest's web site on May 15, 2006, and the legal notice and request for public comments was published in the Uintah Basin Standard on May 16, 2006.

On March 13, 2006, the Forest received clarifying direction from the Washington Office on the application of the Statutory Categorical Exclusions provided in Section 390 of the Energy Policy Act of 2005. Today, I used these categorical exclusions to authorize proposed activities related to 10 of the 14 proposed well pads discussed in the Environmental Assessment. Therefore, this Decision Notice only addresses activities for the 4 remaining proposed well pads.

# II. PURPOSE AND NEED FOR ACTION

The purpose and need for the USFS is to respond to the formal proposal from Berry Petroleum, to exercise their oil and gas lease rights, and to evaluate the environmental impacts of the proposal in accordance with Forest Plan management direction. This environmental analysis is needed, per the National Environmental Policy Act (NEPA), to disclose potential effects from the proposal, and to provide information needed to make and document the required USFS decisions. These decisions should be consistent with the previous USFS decisions and lease obligations, including the Western Uinta Basin Leasing EIS, with rights granted by the oil and gas leases, and with direction from the Ashley National Forest Plan and Department and Agency policies.

Exploration and development of Federal oil and gas leases by private industry is an integral part of the oil and gas program of the USFS under authority of the Mineral Leasing Act of 1920 as amended, the Mining and Minerals Policy Act of 1970, the Federal Land Policy And Management Act of 1976, the National Materials and Minerals Policy, Research and Development Act of 1980, and the Federal Onshore Oil and Gas Leasing Reform Act of 1987.

The proponent's purpose and need is to explore and assess the economic recoverability of suspected oil and gas reserves, within their lease areas on the South Unit of the Ashley National Forest. If economically recoverable oil or gas reserves are identified from the proposed drilling, then those wells would be put into production, to recover those products.

A secondary purpose of this proposed project, for the proponent, is to assess the technical and economic viability of directional drilling on their oil and gas leases. Assuming economic quantities of oil and/or gas are found as a result of the drilling of vertical wells, Berry may then attempt to directionally drill from some or all of the same well pads to assess whether economically viable oil and gas resources can be reached and successfully produced from directional wells.

# III. DECISION

I approved the Surface Use Plan of Operations (SUPO), authorizing the proposed activities for 10 of Berry's 14 proposed well pads, and the proposed directional drilling from their existing well pad, via Statutory CE Category 1 of Section 390 of the Energy Policy Act of 2005 (Categorical Exclusion Review, September 21, 2006). This includes the construction of well pads and new or upgraded access routes, and drilling of vertical and directional wells for the

following sites: Proposed well pads 5-6-65, 5-4-65, 16-5-65, 10-3-65, 2-2-65, 10-2-65, 6-1-65, 5-4-64, 8-2-64, and 8-1-64, and the existing 6-2-65 well pad. Therefore, these well pads and associated activities are no longer being considered as part of this decision.

Based upon my review of the alternatives in the EA, it is my decision to implement the remainder of alternative 2, the proposed action, with the exception of the proposed activities which have already been approved and are described above. This decision would approve Berry Petroleum's Surface Use Plan of Operations (SUPO) for the 4 remaining proposed well pads. This includes the construction of well pads and new or upgraded access routes, and drilling of vertical and directional wells, as described in the EA, for the following sites: 11-10-65, 6-11-65, 6-6-64, and 5-3-64. Should the proposed wells prove to be productive, the SUPO also includes installation of production facilities, and operation for as long as they remain productive and economically viable.

As part of this decision, I am requiring all of the mitigation measures and design elements included within the original proposed action, or added to the proposed action during preparation of the 2006 Berry EA, as described on pages 7 through 22 of that EA. Many of these measures are above and beyond those required by the proponent's lease stipulations, but the proponent has agreed to implement them in order to minimize possible adverse environmental impacts.

This decision is in compliance with the 1997 Western Uinta Basin Oil and Gas Leasing EIS Record of Decision.

# IV. DECISION RATIONALE

The selected alternative meets the purpose and need, and allows Berry Petroleum to conduct exploratory drilling on their current leases, while providing for appropriate protection of other National Forest resources, values, and uses. The required mitigations and design elements will ensure that drilling activities take place in an environmentally sound manner.

Berry Petroleum, as holders of the leases, has the right to drill for oil and gas resources on the lease. The Forest Service decision space is limited to deciding the adequacy of the Proposed Action, submitted by the leaseholder, and requiring mitigations and design elements that will protect National Forest uses and values. The mitigations and design elements discussed below are necessary additions to the Proposed Action to respond to the issues raised in the analysis, to be responsive to public comments, and insure protection of other resources.

By implementing the Proposed Action, as modified by the mitigations and design elements, the proper balance is reached between Berry Petroleum's right to identify the oil and gas assets on their leases and the Forest Service mandate to protect the public interest on the lands and resources of the National Forest.

# V. MITIGATION MEASURES AND DESIGN ELEMENTS

Various mitigation measures and design elements have been included within the Proposed Action, in order to avoid or minimize potential adverse effects. These measures are above and beyond those required by the proponent's lease stipulations, but which the proponent has agreed to follow. These measures, described in Section 2 of the EA (pages 7-19), and the additional design elements listed in Section 2 of the EA (pages 20-22), will be required as part of this decision. A few of the required design elements, mitigation measures, and lease stipulations are listed below:

# Paleontology

• A qualified Paleontologist will monitor construction activities for proposed well pads 5-6-65, 6-11-65, 6-1-65, 5-3-64, 10-2-65, and 2-2-65 and their access roads. If significant paleontological resources are discovered, construction activities will be halted and the USFS notified. Operations in the area of the discovery will not resume until authorization to proceed has been received from the USFS.

#### Soil and Water Resources

- Vegetation and/or structural measures to control erosion will be implemented as soon as
  possible after initial soil disturbance to prevent erosion of disturbed soils.
- Energy dissipaters such as straw bales and silt fences may be required to prevent excess
  erosion of soils from disturbed areas into adjacent surface waters or floodplains. These
  structures will be installed during construction, and will be left in place and maintained
  for the life of the project or until the disturbed slopes have revegetated and stabilized.
- At sites without clay soils, were soils will be moderate to highly permeable, as well as sites closer to ephemeral/perennial channels, the reserve pit will be lined with a 20-mil pit liner on top of a protective felt layer to minimize the potential for leaks of pit fluids.

# Vegetation

• During the construction phase of the project, Berry will implement an intensive reclamation and weed control program after each segment of project completion. Berry will reseed all portions of well pads and the ROW not utilized for the operational phase of the project, as well as any sites within the Project Area determined necessary by the USFS. Reseeding will be accomplished using native plant species indigenous to the Project Area. Post-construction seeding applications will continue until determined successful by the USFS. Weed control will be conducted through an Approved Pesticide Use and Weed Control Plan from the Authorized Officer. Weed monitoring and reclamation measures will be continued on an annual basis (or as frequently as the Authorized Officer determines) throughout the 30 year life of the project.

# Wildlife

- Well pad and road construction, roads upgrading, and drilling operations will not be conducted between November 15 and April 30, to protect elk winter range.
- The existing guzzler present near proposed well pad 5-3-64 will be moved by the proponent to reduce the impacts of increase traffic and human presence on elk, mule deer, and other wildlife utilizing the structure for drinking.

# Air Quality and Noise

- As needed, Berry will apply water to utilized roads to reduce fugitive dust from vehicle traffic. If water application does not adequately reduce fugitive dust, the use of Magnesium Chloride (MgCl) will be considered.
- Berry will participate in multi-party basin-wide air quality monitoring studies, to monitor possible air quality impacts from the proposed activities, and help determine the effectiveness or need for air quality mitigations.
- Pump jack engines will be equipped with high grade mufflers to reduce noise during the operational life of the project.

#### Cultural Resources

- All ground disturbing activities (road construction and upgrading, well pad construction, etc.) will be conducted so as to avoid any impacts to identified cultural resource sites.
- If cultural resources are inadvertently discovered, construction activities will be halted and the USFS notified. Operations in the area of the discovery will not resume until authorization to proceed has been received from the USFS.

# VI. ISSUES, CONCERNS, AND PUBLIC INVOLVEMENT

Public involvement in the proposed project was initiated with the publication of the scoping notice in the Uintah Basin Standard newspaper on December 22, 2005. A description of the Proposed Action was listed in the Schedule of Proposed Actions for the first and second quarters of 2006 and the scoping letter and legal notice were posted on the Ashley national Forest web site. Letters describing the proposed project and soliciting comment were mailed to potentially interested federal agencies, individuals, organizations and the Ute Tribe. The formal public scoping period ended January 21, 2006.

In response to public scoping efforts, the Forest Service received comments from seven respondents. Based upon these comments and a review of the Proposed Action by the Forest Service Interdisciplinary Team, a list of issues to be analyzed in the EA was developed. Principal issues of concern included, but were not limited to:

- Issue 1: Geologic Structures, including:
  - Steep slopes
  - Alluvial fans and potential for debris flows and increased erosion
- Issue 2: Soil Resources
  - Increased erosion
- Issue 3: Vegetation, including:
  - Native vegetation
  - Noxious weeds
  - Threatened, endangered, proposed, and sensitive species

Issue 4: Wildlife and Wildlife Habitat, including:

• Big game seasonal ranges

• Sage-grouse

• Migratory birds

• Fisheries

Threatened, endangered, proposed, and sensitive species

• Management indicator species and other species of concern

Issue 5: Rangeland Resources

• Grazing allotments

Issue 6: Air Quality, including:

Chemical pollutants

Dust

Issue 7: Hydrology/Water Quality/Quantity, including:

Surface water

Groundwater

Increased sedimentation

Erosion control

Issue 8: Floodplains, Wetlands, and Riparian Areas

Issue 9: Cultural and Paleontological Resources

Issue 10: Land Use

• Inventoried roadless areas

Issue 11: Visual Resources

Visual Resource Management (VRM) Classifications

Issue 12: Noise, including:

• Disturbances to wildlife

Decreased quality of recreational experiences

Issue 13: Socioeconomics and Environmental Justice

Issue 14: Cumulative Effects, including:

Grazing

Prescribed burns

Other oil and gas development

Prior road construction

The EA was completed, and was made available to the public for comments on May 16, 2006. Hard copies of the EA were mailed to interested parties at that time, while an electronic copy of

the EA was made available on the Ashley National Forest website. Letters were also mailed out, and a notice published in the Uintah Basin Standard newspaper, announcing availability of the EA for public comments. The formal comment period ended June 15, 2006. This project was initiated as a District Ranger decision, with scoping and legal notices announcing the Environmental Assessment's 30 day comment period as published in the Uintah Basin Standard. It was latter decided that the Forest Supervisor would be the Responsible Official. Therefore publication of a legal notice for this decision, in the Vernal Express, is now the trigger for initiating the appeal period.

# VII. ALTERNATIVES

## A. ALTERNATIVES CONSIDERED

In addition to the selected alternative, I considered one additional alternative. A comparison of these alternatives can be found in the EA in Table 2-3 on pages 23-25.

### Alternative 1 - No Action Alternative

Under the No Action Alternative, the proposed drilling project would not be approved. The existing environment would remain in its current condition and there would be no new environmental consequences as a result of selecting this alternative. However, the project area has already been leased to the proponent for oil and gas exploration and development, following the 1997 Western Uinta Basin Oil and Gas Leasing EIS decision to lease these lands. The proponent's leases grant them the exclusive right to explore for and produce any oil and gas resources that may be located within their lease area, including construction of facilities reasonably needed to conduct prudent exploration and production. For these reasons, the No-Action Alternative may not represent a viable option, and would be in conflict with National, Agency, and Forest policy and guidance, as well as the intent of the 1997 Western Uinta Basin Oil and Gas Leasing EIS decision. Selection of this alternative would not preclude other oil and gas activities or proposals within the South Unit.

## Alternative 2 - Proposed Action

The proposed Project Area is defined as Berry's current lease holdings within the South Unit of the ANF, which cover an area of roughly 20,865 acres (+/- 1%). This Project Area begins approximately 13 miles south of the town of Duchesne, Utah.

The proposed exploratory drilling would primarily target oil and gas from the Green River Formation. Berry's Proposed Action specifically includes the following primary components:

- Construction of 14 new well pads;
- Vertical drilling of 14 exploratory oil and/or natural gas wells on those well pads;
- The option of directionally drilling 15 additional exploratory oil and/or natural gas wells from the 14 proposed well pads, and one existing well pad;
- Upgrading up to approximately 3.1 miles (16,220 feet) of existing road/two-track;
- Construction of up to 3.2 miles (16,800 feet) of new access roads;
- Construction/installation of approximately 33,020 feet of buried or surface gathering gas pipeline which would lie within or immediately adjacent to the road corridor.

Berry expects to drill the 29 proposed exploratory wells during 2006 through 2008. Construction activities would follow guidelines described in the "Gold Book," Surface Operating Standards for Oil and Gas Extraction and Development 4th Edition (BLM and USFS 2005). New wells would be drilled to an average depth of about 6,000 feet. The typical oil and gas well would require about seven days to drill and 14 days to complete. Assuming that the well proves to be economically productive, an additional 7 to 10 days would be required for installation of production equipment and well start up (approximately 28 to 31 days from spud to production, per productive well). It is possible that Berry could drill fewer than the 29 proposed wells because of geologic and market uncertainties (expected quantities of oil and gas are not discovered, are not recoverable, or the prices for oil or gas drop unexpectedly), or if directional drilling were to prove to be technically or economically infeasible in this area. Each exploratory well would be initially completed and evaluated for adequate oil and natural gas production. If a well does not exhibit sufficient amounts of oil or natural gas after completion and initial evaluation, it would be permanently plugged. If the well pad could not be further utilized for directional drilling, it would be fully reclaimed. The amounts of oil and natural gas measured during initial evaluation tests would help determine the exploration drilling sequence. Wells demonstrating sufficient oil or natural gas reserves would be placed into permanent year-round operational status for long-term flow testing and production. Based upon the projected production life of a well, as well as the time required for full reclamation of all disturbed areas associated with well pad construction, the projected "life of the project" is expected to be up to 30 years. There is currently only one producing well present within the Project Area boundary. That well, operated by Berry, is currently producing economic quantities of both oil and gas.

A full-field development proposal is not being submitted at this time since it is unknown to Berry, the USFS, and the BLM, the extent and quantity of oil and/or natural gas in the area and whether there is adequate potential for a more extensive development scenario. Thus the current project is an exploratory project to help Berry obtain sufficient data and test potential production from its leases to determine the potential for future development.

Implementation of the full proposal, as described in the EA, would result in the short-term disturbance of up to approximately 58.6 acres, and long-term disturbance of approximately 41.6 acres. Assuming that some of all of the approved wells are productive, long-term disturbances would last the approximately 30-year life of the proposed project.

Implementation of this decision, approving activities related to only 4 of the 14 proposed well pads, would result in the short-term disturbance of up to approximately 22.9 acres, and long-term disturbance of approximately 15.4 acres.

Additional Alternatives Considered

No additional issues-driven alternatives were identified in the EA as being either feasible or necessary. The Forest Service and Proponent were able to work together to incorporate necessary and reasonable design elements into Alternative 2, as the Proposed Action.

# B. ALTERNATIVES CONSIDERED BUT ELIMINATED FROM DETAILED STUDY

No additional issues-driven alternatives, which were considered but eliminated from detailed study, were identified.

# VIII. FINDING OF NO SIGNIFICANT IMPACT

After considering the environmental effects described in the EA, I have determined that these actions will not have a significant effect on the quality of the human environment considering the context and intensity of impacts (40 CFR 1508.27). Thus, an environmental impact statement will not be prepared. I base my finding on the following:

- 1. My finding of no significant environmenal effects is not biased by the beneficial effects of the action.
- 2. There will be no significant effects on public health and safety, because the proposed wells and access roads are located in isolated areas and operations are temporary. Although two of the proposed well pads being approved are located in areas potentially susceptible to flash floods and debris flows, construction of these facilities will not increase the chance for damaging debris flows to occur in these areas, and design elements have been included to minimize risks to crews and facilities (see EA pages 8-12; 20-22).
- 3. There will be no significant effects on unique characteristics of the area, because there are no ecologically critical areas such as parklands, prime farmlands, or wild and scenic rivers. Two of the proposed wells being approved will be located within or adjacent to inventoried roadless areas. Effects to roadless areas are minor because well pad and access road construction will only disturb a fraction of the surrounding inventoried roadless area (see EA pages 122-123). For these reasons, the impacts to the adjacent roadless areas would not be significant. There are wetlands within the Project Area, but none will be directly impacted by the proposed activities.
- 4. The effects on the quality of the human environment are not likely to be highly controversial. There is no known scientific controversy over the impacts of the project.

- 5. We have considerable experience with the types of activities to be implemented. The effects analysis shows the effects are not uncertain, and do not involve unique or unknown risk.
- 6. The action is not likely to establish a precedent for future actions with significant effects. Completion of the Proposed Action is independent of existing and/or future oil and gas development and does not assume or guarantee that any other development of the Proponent's leases will occur. Any future development proposals would be analyzed in a separate NEPA document at that time.
- 7. A review of the EA indicates that cumulative impacts are not significant. I have determined that there will be no "significant environmental impacts" to any resource.
- 8. The action will have no significant adverse effect on districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places, nor cause loss or destruction of significant scientific, cultural, or historical resources, (see EA page 118).
- 9. A Biological Assessment (BA) was prepared to analyze effects on threatened, endangered, or proposed wildlife and plant species from the proposed project. This BA resulted in a determination of no effect to terrestrial wildlife and plant species. The Biological Assessment also covered four endangered fish species. Consumptive water requirements for drilling and completion of the proposed wells would constitute a small one-time depletion of Upper Colorado River Basin water. Because such depletions have been determined to affect federally listed Basin fish species, the proposed project is likely to affect, and would adversely affect, the endangered fish. However, the U.S. Fish and Wildlife Service (USFWS) has determined that, due to the Recovery and Implementation Plan for endangered fish species in the Basin, these populations have demonstrated recovery from prior conditions. The USFWS has determined that payment to the Recovery Program for consumptive water depletions represents a reasonable and prudent alternative for continued recovery of these species. For small depletions, those less than 100 acre feet annually, no payment is required. Further, the nearest occupied habitat for these species is in the Green River, a minimum of 65 miles from project activities. The potential impacts to endangered Upper Colorado River Basin endangered fish species are therefore effectively mitigated for this project.
- 10. The action will not violate Federal, State, and local laws or requirements for the protection of the environment. Applicable laws and regulations were considered in the EA, and the action is consistent with the Ashley National Forest Land and Resource Management Plan (See EA pages 1-4).

# IX. APPLICABLE LAWS, REGULATIONS, AND POLICIES

To the best of my knowledge, this decision is in compliance with all applicable laws, regulations, and policies. In some cases well pads will be located near ephemeral channels, and closer to

those channels than is recommended by INFISH guidelines. Because of the small and very ephemeral nature of those channels, and the large distance to viable fisheries downstream, no effects to downstream fisheries from surface activities are expected.

#### Consistency with Forest Plan

This decision to approve exploration on previously issued federal oil and gas leases is consistent with the intent of the Forest Plan's long-term goals and objectives. Within the Ashley National Forest, 1,083,830 acres are considered to be available for mineral leasing and development (LRMP pages II-16 to II-17). The project was designed in conformance with LRMP standards and incorporates appropriate land and resource management plan guidelines. Management Prescriptions are indicated in Chapter IV of the LRMP. The wells are located mainly in management prescription areas 'n' and 'd', which are managed for a range of resource uses and output and for high forage production and livestock utilization, respectively. Two wells are located within or close to a management prescription area 'e', which is managed with an emphasis on wildlife habitat.

Minerals development, with appropriate protective measures as included in the proposed project, is compatible with management direction for all of the management areas involved (LRMP pages IV-5 through IV-13).

#### X. IMPLEMENTATION DATE

If no appeal is received, implementation of this decision may occur no sooner than five business days after the close of the appeal period.

If an appeal is received, implementation may take place 15 days after a final decision is made on the appeal.

# XI. ADMINISTRATIVE REVIEW OR APPEAL OPPORTUNITIES

This decision is subject to appeal pursuant to Forest Service regulations at 36 CFR 215. Appeals must meet the content requirements of 36 CFR 215.14. Only individuals or organizations who submitted comments or otherwise expressed interest in the project during the comment period may appeal. Appeals must be postmarked or received by the Appeal Deciding Officer within 45 days of the publication of this notice in the Uintah Basin Standard. This date is the exclusive means for calculating the time to file an appeal. Timeframe information from other sources should not be relied on. Incorporation of documents by reference is not allowed. The Appeal Deciding Officer is Jack Troyer, Regional Forester. Appeals must be sent to: Appeal Deciding Officer, Intermountain Region USFS, 324 25th Street, Ogden, Utah 84401; or by fax to 801-625-5277; or by email to: appeals-intermtn-regional-office@fs.fed.us. Emailed appeals must be submitted in rich text (rtf), Word (doc) or portable document format (pdf) and must include the project name in the subject line. Appeals may also be hand delivered to the above address, during regular business hours of 8:00 a.m. to 4:30 p.m. Monday through Friday.

As the Proponent, Berry Petroleum may appeal the decision under 36 CFR 251. This decision is subject to appeal pursuant to 36 CFR 251.82. Notice of appeal must be postmarked or received by the Appeal Reviewing Officer within 45 days of the certified letter notifying the proponent of this decision. The notice of appeal should be sent to: Jack Troyer, Regional Forester, Intermountain Region USFS, 324 25th Street, Ogden, Utah 84401. A copy of the notice of appeal must be filed simultaneously with Kevin B. Elliott, Forest Supervisor, 355 North Vernal Avenue, Vernal, Utah 84078. Appeals must meet the content requirements of 36 CFR 251.90.

Copies of the Berry Petroleum's 2006 Oil and Natural Gas Exploration Project Environmental Assessment, can be obtained from the Duchesne Ranger District Office, 85 West Main, Duchesne, Utah 84021. The EA, Decision Notice and FONSI, and legal notice will also be available on the Ashley National Forest-webpage at http://www.fs.fed.us/r4/ashley/projects/.

#### XII. CONTACT PERSON

For additional information concerning this decision or the Forest Service appeal process, contact David Herron at (435) 781-5218, or Mike Elson at (435) 781-5223.

/s/ Kevin B. Elliott	September 21, 2006		
KEVIN B. ELLIOTT	Date		
Forest Supervisor			
Ashley National Forest			

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# Categorical Exclusion Review

# Proposed Drilling by Berry Petroleum September 2006

#### Introduction

Berry Petroleum Company (Berry) proposes to conduct exploratory oil and natural gas drilling operations within a portion of the South Unit of the Ashley National Forest. Their Proposed Action includes the exploratory drilling of up to 29 new wells (14 vertical; 15 directional) from 1 existing and 14 new well pad locations. To facilitate project access, they propose upgrading approximately 3.1 miles (16,220 feet) of existing road/two-track, and construction of up to 3.2 miles (16,800 feet) of new access roads. The Proposed Action consists of an exploratory drilling program designed so that Berry may gather information about the extent and distribution of natural gas resources on their federal oil and gas leases and to assess the economic viability of future production. The proposed drilling would target potential oil and gas producing zones of the Green River formation. All wells drilled would be tested, and if they are determined to be uneconomical, they would be plugged and reclaimed within one year after drilling, completion, and testing are completed. Wells that are identified as economically viable would be connected to gas gathering pipelines and equipped with production equipment so that resources could be recovered for the life of the well.

To analyze the possibility of adverse impacts, from approval and implementation of Berry's proposal, as well as to document site-specific details and determine appropriate design elements and mitigation measures, the Ashley National Forest prepared an Environmental Assessment (EA). This document, titled "Berry Petroleum's 2006 Oil and Natural Gas Exploration Project Environmental Assessment" (2006 Berry EA) was completed in May of 2006, and was made available to the public for comments.

#### Decision

Subsequent to starting work on the 2006 Berry EA, but prior to issuance of a Decision Notice / FONSI, the Ashley National Forest received additional guidance relative to the recent Energy Policy Act of 2005. In light of this new guidance, I have decided to approve the Surface Use Plan for a portion of Berry's proposed drilling project via Statutory Categorical Exclusions (CE) provided by Section 390 of the Energy Policy Act of 2005. Specifically, I have decided to approve all of Berry's proposed activities relating to the proposed 5-6-65, 5-4-65, 16-5-65, 10-3-65, 2-2-65, 10-2-65, 6-1-65, 5-4-64, 8-2-64, and 8-1-64 well pads, and the existing 6-2-65 well pad, as described in the 2006 Berry EA. This decision includes the approval of Surface Use Plan of Operations (SUPO) for 10 of their 14 proposed well pads including both vertical and directional drill holes, and for a directional drillhole at the existing 6-2-65 well pad. Should the proposed wells prove to be productive, the SUPO also includes installation of production facilities, and operation for as long as they remain productive and economically viable.

As part of this decision, I am requiring all of the mitigation measures and design elements included within the original proposed action, or added to the proposed action during preparation of the 2006 Berry EA, as described on pages 7 through 22 of that EA. Many

of these measures are above and beyond those required by the proponent's lease stipulations, but the proponent has agreed to implement them in order to minimize possible adverse environmental impacts.

#### **Decision Rationale**

I have determined that the proposed activities listed above fall within Statutory Category 1 of Section 390 of the Energy Policy Act of 2005. Statutory CE Category 1 allows approval for oil and gas related activities under the following conditions:

"Individual surface disturbance of less than five (5) acres so long as the total surface disturbance on the lease is not greater than 150 acres and site-specific analysis in a document prepared pursuant to NEPA has been previously completed."

Individual short-term surface disturbance for the proposed well pads listed above, including new or upgraded access roads to those pads, would be less than 5 acres for each pad site, with a combined short-term surface disturbance of approximately 35.7 acres, as shown in the table below:

Well Pad Number	Well Pad Access Road Disturbance Disturbance		Short-Term Disturbance	
5-6-65 (proposed)	2.5 acres	0.9 acres	3.4 acres	
5-4-65 (proposed)	2.5 acres		2.5 acres	
16-5-65 (proposed)	2.5 acres		2.5 acres	
10-3-65 (proposed)	2.5 acres	2.2 acres	4.7 acres	
2-2-65 (proposed)	2.5 acres	0.3 acres	2.8 acres	
10-2-65 (proposed)	2.5 acres	1.7 acres	4.2 acres	
6-1-65 (proposed)	2.5 acres	2.3 acres	4.8 acres	
5-4-64 (proposed)	2.5 acres	2.3 acres	4.8 acres	
8-2-64 (proposed)	2.5 acres	1.0 acres	3.5 acres	
8-1-64 (proposed)	2.5 acres		2.5 acres	
6-2-65 (existing)		0.0 acres		
Combined Totals	25.0 acres	10.7 acres	35.7 acres	

These disturbance areas are less than both the 5-acre-individual and 150-acre-total disturbance limits allowed under Statutory Category 1. Berry's entire drilling proposal, including 4 additional proposed well sites not included in this decision, has a total short-term disturbance of less than 60 acres, which is still well below the 150-acre limit.

I have also determined that the 1997 Western Uinta Basin Oil and Gas Leasing EIS (1997 Leasing EIS) and Record of Decision, provide the required site-specific analysis in a document prepared pursuant to NEPA documentation. Additionally, the recently completed 2006 Berry EA provides additional site-specific information for this project. Therefore, the proposed activities related to the 10 new well pads, and 1 existing well pad, can be approved via Statutory Category 1 of the 2005 Energy Policy Act of 2005.

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Compliance with Applicable Laws

Cultural resources surveys have also been conducted, with concurrence from Utah State Historic Preservation Office (SHPO) that no identified cultural resource sites would be impacted.

A Biological Assessment (BA) was prepared to analyze effects on threatened, endangered, or proposed wildlife and plant species from the proposed project. This BA resulted in a determination of no effect to terrestrial wildlife and plant species. The Biological Assessment also covered four endangered fish species. Consumptive water requirements for drilling and completion of the proposed wells would constitute a small one-time depletion of Upper Colorado River Basin water. Because such depletions have been determined to affect federally listed Basin fish species, the proposed project is likely to affect, and would adversely affect, the endangered fish. However, the U.S. Fish and Wildlife Service (USFWS) has determined that, due to the Recovery and Implementation Plan for endangered fish species in the Basin, these populations have demonstrated recovery from prior conditions. The USFWS has determined that payment to the Recovery Program for consumptive water depletions represents a reasonable and prudent alternative for continued recovery of these species. For small depletions, those less than 100 acre feet annually, no payment is required. Further, the nearest occupied habitat for these species is in the Green River, a minimum of 65 miles from project activities. The potential impacts to endangered Upper Colorado River Basin endangered fish species are therefore effectively mitigated for this project.

In reviewing the proposed project, and the EA that was prepared during project analysis, I have determined that the actions and SUPO being approved are in compliance with all applicable laws.

Summary

As noted and described above, the activities proposed by Berry Petroleum, for 10 of their 14 proposed well pads, and for additional drilling at their existing well pad, can be approved under Statutory CE Category 1 of Section 390 of the Energy Policy Act of 2005. Thus, the standard procedural mechanism for compliance with NEPA does not apply. These activities are consistent with the Ashley National Forest Land and Resource Management Plan. The Surface Use Plan for the proposed activities, related to the 5-6-65, 5-4-65, 16-5-65, 10-3-65, 2-2-65, 10-2-65, 6-1-65, 5-4-64, 8-2-64, 8-1-64, and 6-2-65 well pad sites, is hereby approved with the Conditions of Approval as specified in the 2006 Berry EA.

/s/ Kevin B. Elliott	September 21, 2006		
KEVIN B. ELLIOTT	Date		
Forest Supervisor	•		

# Content Analysis and Summary of Comments And Forest Service Responses

# Berry Petroleum 2006 Oil and Natural Gas Exploration Project Roosevelt/Duchesne Ranger District Ashley National Forest

## **Environmental Assessment - Dated May 2006**

The following organizations sent letters or e-mail communications to the Ashley National Forest, in response to the 30 day comment period following publication of the *Berry Petroleum 2006 Oil and Natural Gas Exploration Project Environmental Assessment* (EA). The EA was published in hard copy format and posted on the website of the Ashley National Forest (http://www.fs.fed.us/r4/ashley/projects) on May 16, 2006. The formal comment period ended June 15, 2006. Two comment letters were received:

- I. State and Federal Agencies (one comment letter)
  - United States Fish and Wildlife Service Mr. Henry R. Maddux
- II. Private Individuals and Organizations (one comment letter)
  - Utah Environmental Congress Mr. Kevin Mueller

No comments were received from local governments.

The content analysis/summary of each comment within each of the two letters, and corresponding Forest Service responses are presented below.

# I. State and Federal Agencies - (one comment letter)

# A. USDI Fish and Wildlife Service - Henry Maddux

#### 1. General Comments

a) The EA does not provide information regarding the potential for successful reclamation after surface disturbance. The EA states the soils are dry to very dry (page 40) and there is low precipitation (page 44) throughout the project area. The EA also states there is an increased potential for noxious and invasive weed establishment because of project activities (page 23). Therefore, successful reclamation may be more difficult to achieve than in more favorable environments.

#### Forest Service Response

It may be more difficult to successfully reclaim project disturbances, compared to other areas, due to the naturally dry soils. However, we have seen successful natural reclamation of similar disturbances from past activities. To help assure that surface reclamation will be successful, the proponent will secure a reclamation bond with the BLM and USFS (See page 18 of the EA). To prevent establishment of noxious or invasive weeds, the proponent would also implement an intensive reclamation and weed control program after each segment of project completion. Portions of well pads and other project disturbances no longer required for continued operations would be reclaimed and reseeded. Weed control and monitoring would be conducted by the proponent throughout the life of the project (see page 21 of the EA).

#### 2. Vegetation

a) The additional best management practices (page 44, first bullet) state that "Vegetation and/or structural measures to control erosion would be implemented within 60 days of initial soil disturbance..." While structural measures can be installed at any time, seeding should occur when appropriate for the area to ensure germination of the seeds. If this is not feasible, then the seeds should be protected from wind and erosion by covering them with mulch.

#### **Forest Service Response**

Reclamation seeding will be done in a manner that encourages seed germination and growth of appropriate species. Seed burial, mulching, or other methods may be required if timing is not optimum for seed germination. The 60-day limit was imposed to ensure that seeding is not postponed indefinitely.

b) Affected environment (starting on page 44) should include a section on invasive species (since they are indicated as occurring within the project area on page 23 in addition to the section on noxious weeds.

# Forest Service Response

Although project related activities could increase the potential for invasive species to become established within the Project Area, they are not discussed in the Affected Environment Section because these species are not currently a major component of the Project Area.

c) The EA considered 41.7 acres as being impacted over the life of the project (page 49). However based on the potential for noxious and invasive weeds (page 23) and the existing soil and weather conditions (page 40 and 44) as stated above, we recommend considering all disturbances as having long-term impacts.

#### Forest Service Response

Not all project disturbances are considered to be long-term, because we anticipate being able to successfully reclaim the short-term surface disturbances. To prevent establishment of noxious or invasive weeds, the proponent will implement an intensive weed control program concurrent with and following project activities. Weed monitoring and reclamation measures would be continued on an annual basis (or as frequently as needed) throughout the life of the project (page 21).

#### 3. Listed Plant Species

a) The first bullet under the best management practices for listed plant species states "... or a professional botanist would relocate the plants after approval from USFWS." We do not recommend removal of listed plant species. If listed plants are found to occur we recommend that the Forest Service reinitiate Section 7 consultation with our office prior to ground disturbing activities as effects to the species are not discussed within the EA.

#### Forest Service Response

We are not aware of any listed plants that actually occur within the project area. In the quote above, we note that plant relocation would not occur without prior approval from USFWS, implying appropriate consultation procedures. We also note that our first and favored option would be to move, re-route, or drop particular well pads or roads from the proposal, to avoid impacts to listed plant populations.

#### 4. Raptors

a) The Utah Field Office Guidelines for Raptor Protection from human and Land Use Disturbances (Raptor Guidelines) (Romin and Muck 2002) were developed to provide consistent application of raptor protection measures statewide and provide full compliance with environmental laws regarding raptor protection. The Raptor Guidelines (Romin and Muck 2002) recommend a buffer of 0.5 mile surrounding any raptor nest. We recommend increasing the survey area from ¼-mile (pages 54 and 74) to ½-mile to ensure adequate protection can be afforded to breeding raptors. Individual nest location, the nesting pair, vegetation in the area, and topology present between the nest and proposed well pad and road ROW will help define the final distance and time of year construction should occur with respect to the nest.

à

#### **Forest Service Response**

In order to determine the spatial buffers for raptor nests, Ashley National Forest biologists reviewed several factors including topography, vegetative screening, and available raptor nesting habitats in the Project Area. When these habitat features were compared to proposed development locations in the Project Area it was determined that physical structures (i.e., woodland vegetation, topographical features, etc.) would be present around all proposed development locations such that impacts associated with project activities would be reduced. To ensure adequate protection, all areas within 4-mile of proposed development locations were surveyed for raptors. No active raptor nests were identified.

#### 5. Golden Eagle

a) In addition to the spatial distance between nests and activities described above in the Raptors section, we recommend increasing the timing restriction within ½-mile of a golden eagle nest to January 1 to August 31. This will allow adequate protection for early nesters. In order to provide additional protections for the golden eagle, we recommend removing carrion within 100 feet from roadways, as safety allows within golden eagle foraging range.

#### Forest Service Response

Timing restrictions in the EA already preclude project activities from occurring between April  $30^{th}$  and August  $31^{st}$ , if an active raptor nest is found. In addition, timing restrictions in the EA for protection of elk during the winter preclude project activities from occurring between November  $15^{th}$  and April  $30^{th}$ . These timing restrictions would protect nesting raptors during the suggested time period (January  $1^{st}$  to August  $31^{st}$ ). If an active golden eagle nest is documented within the Project Area, Ashley National Forest biologists will determine the spatial restrictions related to the nest based upon relevant factors such as topography, vegetative screening, and season of use.

## 6. Effects to Federally Listed Fish Species

a) Page 15 estimates water use at 28 acre-feet while page 111 estimates 37.4 acre-feet will be needed for project activities. Please clarify and make consistent throughout the document.

#### **Forest Service Response**

Berry would utilize 290,000 barrels (28.0 acre-feet) of water over a period of two to three years for drilling and completion of the proposed wells.

b) Water depletions from any portion of the occupied drainage are considered to adversely affect or adversely modify the critical habitat of the endangered fish species (Colorado pikeminnow, bonytail, razorback sucker, and humpback chub), regardless of whether water is taken from existing permitted sources (page 57, third and forth bullets). The Forest Service should determine whether consultation has already occurred on the water use permits. If

consultation has not occurred and the water depletion has been permitted since 1988 (the inception of the Recovery Program), section 7 consultation with our office should be initiated. For depletion of 100 acre-feet or less, there is no depletion fee because the Recovery Program has made sufficient progress to be the reasonable and prudent alternative to avoid the likelihood of jeopardy to the endangered fishes and to avoid destruction of adverse modification of their critical habitat.

#### Forest Service Response

The Forest Service has completed Section 7 consultation with Fish and Wildlife Service regarding this project, including the proposed water usage.

### 7. General Wildlife Species

a) The short-term loss of habitat of 58.6 acres should be changed to long-term. Larger mammals and some bird species are displaced by forest service roads and may suffer habitat loss and displacement as a result. Roads tend to create habitat edge thereby favoring species that utilize this habitat. In addition, roads are a conduit for noxious and invasive species spread.

#### Forest Service Response

The 58.6 acres of short-term disturbance describes those habitats initially disturbed as a result of project activities. Portions of these areas would be reclaimed and would be available for use by wildlife. Page 72 of the EA discusses the potential impacts of displacement from human disturbance, traffic, and construction activities. To prevent establishment of noxious or invasive weeds, Berry would implement an intensive weed control program.

#### 8. Floodplains

a) Given that well pads and roads will change the hydrology of the area (by diverting ephemeral drainages, page 109); the impacts to the system are expected to be long term. Ephemeral streams can serve as crucial refugia for amphibian species and are important nutrient sources for downstream biota. Impairment of these functions can result from construction activities and permanent structures. In addition, in flashflood prone systems, even ephemeral streams, are subject to catastrophic storm events. Therefore, ephemeral streams, especially those tributary to streams with sensitive species, should be afforded the same level of protection as perennial waters. To be consistent with the intent of Executive Order No. 11988 (Floodplain Management), we do not recommend sitting well pads in close proximity to ephemeral drainages especially those that need to divert drainages around the pads. We recommend use of the Oil and Gas Pipeline Crossing Guidance, minimization of crossings, and no placement of reserve pits or other contaminant-containing structures in areas prone to flash floods (i.e., wells should be developed using closed-looped drilling and Conditions of Approval should ensure no hazardous materials are stored onsite).

#### Forest Service Response

None of the diverted drainages exhibit riparian vegetation, or would provide suitable habitat or refuge for amphibians. As stated in the EA (page 109), where well pad locations would occur within 200 feet of perennial or ephemeral stream channels, erosion control structures would be placed to minimize and control surface water runoff from the well pad surfaces. These erosion control measures would include earthen berms surrounding the well pad to direct storm water away from the disturbed surfaces, and energy dissipating devices such as straw bales and silt fences in areas where the possibility of erosion exists. Additional erosion control structures would be constructed as needed at each well pad in consultation with the Forest Service. In addition, reserve pits would not be located in natural drainages, in areas where surface water runoff could enter the pit or damage the pit berms, or where flood hazards exist.

### II. Private Individuals and Organizations - (one comment letter)

#### A. Utah Environmental Congress - Kevin Mueller

Comments from Kevin Mueller and the Utah Environmental Congress include comments directed to the EA in question, as well as a considerable volume of other documents specifically incorporated by reference. These other documents include prior comments from UEC on the Berry project, relative to public scoping, prior comments relative to other past and present Forest and non-Forest NEPA projects, as well as summaries of various independent and previously published reports. Those comments deemed applicable or relevant to this project have been summarized below.

## 1. UEC Comments Specific to the Published Berry EA

a) We incorporate by reference into these comments our 62-page scoping comment letter on this proposed action, dated June 21, 2006. We also incorporate by reference our 65 pages of comments on the EOG new oil/gas well proposed action, dated May 18, 2006. Many issues and concerns raised in these scoping/comments have not been addressed or responded to in this subsequent EA.

#### Forest Service Response

All comments from internal and public scoping, which were deemed to be relevant to the project, have been addressed in the EA. As discussed on page 5 of the EA, some of the issues or concerns raised during scoping were deemed to be non-key issues, and were therefore eliminated from further study. Non-key issues are those which are 1) outside the scope of the Proposed Action; 2) already decided by law, regulation, Forest Plan, or other higher level decision; 3) irrelevant to the decision to be made; or 4) conjectural and not supported by scientific or factual evidence.

b) Characterizing this 29 well proposal as "exploratory" is simply disingenuous.

#### **Forest Service Response**

We consider this proposal to be exploratory in nature, and therefore have characterized it as such. The location and spacing of the proposed wells, in areas of untested petroleum potential are characteristic of exploratory drilling. However, whether this project is characterized as

being exploratory, or not, does not change the fundamental nature of the proposal, increase or decrease the potential for adverse impacts, increase or decrease the proponent's existing lease rights, or change our analysis or decision to either approve or disapprove of the proposed activities. We feel we have adequately and accurately disclosed the nature of the proposed action.

c) This is also in conflict with the disclosure and analysis in the Western Uinta Basin FEIS/ROD that this is tiered to.

#### Forest Service Response

We see no conflict with the 1997 Western Uinta Basin Leasing EIS. The leasing EIS was concerned primarily with deciding which lands would be made available for minerals leasing, and what stipulations should be attached to any subsequent leases.

As part of the disclosure process, that EIS attempted to predict and characterize any reasonably foreseeable development that might occur, in the following 10 to 15 years, based on available data at that time. The EIS predicted and disclosed, 9 years ago, that 6 exploratory and 30 development wells might be proposed and drilled within the following 10 to 15 years. We note that only one exploratory well has actually been drilled on the Forest since that time. We also note considerable increases in petroleum prices, relevant changes in world politics, and improved technology for the petroleum industry since the EIS was published.

d) As we commented in scoping, the Forest must prepare an EIS.

#### **Forest Service Response**

The Forest Service considered your scoping comments, and determined that an EIS will not be required.

e) The Forest also must proceed with alternative development, which has literally not been done in the EA. It seems obvious, but apparently not, but there is a need to develop a 3-4 exploratory well action alternative to the 29 well proposed action. See the oil and gas EIS this EA is tiered to, which supports this proposition. This would more than meet needs for any exploratory drilling, and may work to resolve the presence of significant effects to TES/MIS resources, wetlands, IRA, and is consistent with the two other EIS's that this project is tiered to.

#### Forest Service Response

The Forest Service did not identify any additional alternatives, which were deemed viable and reasonable. Early and lengthy discussions with the proponent brought about several changes to the proposed action, which made analysis of additional alternatives unnecessary. An alternative that included only 3 or 4 wells was not considered viable, as it would not meet the purpose and need, either for the Forest Service or the proponent. The proponent would like to explore the entire northern boundary of their lease area for potentially economic oil and gas deposits, and has proposed doing so in a logical, straightforward, and reasonable way. Artificially

segmenting their proposed action into one or more smaller actions, simply to generate additional alternatives, would not be prudent, and would not be consistent with the intent of NEPA. There is no need to develop extra alternatives, which are not viable, and do not meet the purpose and need for the Forest Service or the proponent.

As part of the disclosure process, the 1997 Western Uinta Basin Leasing EIS attempted to predict the magnitude and nature of future oil and gas activities, based on available data at that time. The EIS does not say or imply that the predicted level of activity (6 exploratory wells and 30 production wells) would satisfy any Forest Service or industry needs, or that the prediction would somehow represent a viable alternative to an actual proposal, based on additional information beyond what was available in 1997.

f) The proposed action and its effects analysis are not consistent with the two EIS's it is tiered to and involves significant direct, indirect and cumulative impacts.

#### **Forest Service Response**

We see no inconsistencies with the 1997 Western Uinta Basin Leasing EIS. We assume that the implied second EIS refers to our Forest Plan, and we see no inconsistencies with that document either. The proposed action was carefully evaluated by our interdisciplinary team, for direct, indirect, and cumulative impacts, and the results of our evaluation and analysis can be found in our EA.

g) It was disappointing to hear on the radio that ANF staff told KCPW (after I gave them your number) that this proposed action includes no more than 5 exploratory wells. You know that this EA considers 29 wells.

#### Forest Service Response

This proposed action includes up to 29 proposed wells, from 14 proposed well pads, and one existing well pad, as clearly noted within the EA and elsewhere.

We were similarly disappointed with the content of the radio broadcast, noting several factual errors and important omissions. During our lengthy interview with KCPW staff, we clearly informed them that the Ashley National Forest had 2 active oil and gas drilling proposals: one from Berry Petroleum, and another from EOG Resources. The broadcasted quote reflected the EOG proposal. We apologize for any misunderstandings that KCPW may have generated.

h) The paleontological section of the EA is not supported by sufficient data to support a FONSI. "Brief field reconnaissance" conducted by USFS staff for the Sowers seismic exploration project in 2005 is not sufficient to support a FONSI. It actually highlights a need to prepare an EIS and need to do more than "brief field reconnaissance" due to uncertainty of presence of potentially significant effects to paleontological resources. The above is particularly obvious in light of paleo and current debris flows and fans known in all of the Project area drainages, and the fact that the proposed action will increase frequency and intensity of debris flows across the area.

#### Forest Service Response

As clearly noted on page 33 of the EA, a site-specific reconnaissance was also conducted for all of the proposed well pads, with no significant fossils being identified at any of the sites. The earlier "brief field reconnaissance" was conducted to establish the general nature, distribution, and overall abundance of paleontological resources within the overall South Unit area. It resulted in the conclusion that most bedrock outcrops within the South Unit were devoid of obvious fossils, whether classified as significant or not. An EIS is not required for paleontological resources, as none were noted during site-specific field surveys, no impacts to significant paleo resources are anticipated, and appropriate mitigations are in place to protect or recover any significant fossils that may be inadvertently discovered.

Although numerous debris flow fans do occur within the project area, they do not occur at all proposed project sites, or in all project area drainages. Debris flow fans within the project area are primarily of quaternary age, and are not known or expected to contain significant paleontological resources.

Debris flows within the project area are generally initiated high on steep canyon walls, as a result of runoff from high-intensity summer thunderstorms. The proposed action would not affect the frequency or intensity of debris flow events, as none of the activities would be located on steep canyon walls, where the debris flows are initiated, nor would the project be expected to influence the timing or intensity of summer thunderstorms.

i) The EA's table that compares impacts of alternatives to TES and MIS resources says the proposed action "would not affect" these resources. However, there will be direct, indirect, and cumulative impacts (that are disclosed, as well as others that are not yet disclosed in this draft EA) to sensitive and MIS species such as sage grouse, spotted bat, Townsend's big eared bat, golden eagles, Lincoln's sparrow, song sparrow, elk, mule deer, and macroinvertebrates.

#### Forest Service Response

Table 2-3 (page 23) of the EA notes and discloses short term impacts to various wildlife species. However, these impacts would not have substantial or lasting effects to wildlife, as discussed in the Wildlife Section of the EA (pages 51 through 80). The statement in Table 2-3 was intended to suggest that there would be no long term or substantially adverse impacts to these wildlife species.

j) The analysis on page 75-on in the EA to Sage grouse directly conflicts with UDWR 2005 Greater Sage Grouse Lek studies. For example, the EA says "true" sage grouse use areas are only on higher elevation ridge lines. The 2005 UDWR report does note that this is the only place ANF staff have looked recently. It also notes that there are two low elevation leks, Sand Wash and Wells Draw, have effectively been abandoned in the last 5 or so years. These are just to the north in the area that Berry et all has already built oil/gas wells. "This area has been heavily impacted by oil/gas development. Several active wells and a compressor are located near this lek" (UDWR 2005 Anthro Mountain summary).

#### Forest Service Response

The Forest Service has intensively monitored and studied sage grouse distributions and populations on the South Unit for the last five years, in cooperation with the UDWR. As determined from our studies, and as stated in the EA, sage grouse habitat use within the South Unit has primarily been on the sage brush ridge tops to the south of the currently proposed project area. Our study has not identified substantial use of lower elevation habitats within the South Unit. The EA, BE, and MIS Report all evaluate and analyze effects to sage grouse from the project. The Sand Wash and Wells Draw leks are not located within the Ashley National Forest, and therefore are monitored by the UDWR.

k) The EA also omits effects issues related to this UEC has already raised in earlier comments. One example being the already documented (detrimental) impacts to sage grouse from increased spread of viruses such as West Nile from the increases in standing water from this proposed type of oil/gas development.

#### **Forest Service Response**

The given example is not an issue that UEC has previously raised, relative to this project. However, our team considered this issue prior to completion of the EA, and determined that it was not a significant issue, and did not require further analysis or disclosure. Per the mitigation measures already incorporated with the proposed action, water-filled reserve pits will be drained and backfilled and reclaimed as soon as reasonably possible, following the drilling of each well. Reserve pits would also be fenced, to discourage wildlife from accessing them until reclaimed.

It is acknowledged that west nile virus has been found to infect and cause mortality in some sage grouse populations. However, several sage grouse carcasses from the Anthro Mountain population with unknown causes of death have been tested for west nile virus, and the tests were negative. The temporary nature of the proposed reserve pits would result in a negligible increase in mosquito habitat, when compared to the amount of water in stock ponds, water troughs, guzzlers, and other water developments in the area that currently provide continued breeding habitat for mosquitoes.

I) We encourage a commitment to full adherence to the objectives, monitoring, standards, and guidelines of INFISH, as is implied –but not committed to- in the draft EA.

#### **Forest Service Response**

Comment is acknowledged. INFISH guidelines have been considered, and will be followed as appropriate, relative to actual site-specific habitat potential.

m) There seems to be no way to avoid sub-standard water quality and aquatics conditions with implementation of the proposed action, given natural site conditions combined with cumulative

impacts of past actions that are detrimental, but never disclosed. This is another reason why full alternative development is needed, as well as an EIS.

#### Forest Service Response

Although some drainages within or near the project area do exhibit substandard water quality, this occurs primarily from naturally occurring geologic and climatic conditions (e.g. highly erosive soils, saline bedrock facies, and high-intensity rain events). None of the proposed activities are located immediately adjacent to aquatic habitats or flowing streams. Implementation of the proposed action would have little or no adverse impact on water quality, and as such, no additional alternatives are needed. The Forest Service has determined that an EIS will not be required.

n) We recently got an appeal decision from this Forest saying you are planning right now under the 2005 NFMA rules. This is a big problem, as planning under that context is under Forest Plans that -by regulatory mandate- do not contain standards, decisions, or commitments. We incorporate by reference UEC's comments sent to the ANF earlier this year in response to your NOI to switch plan revision to the 2005 NFMA rules.

#### Forest Service Response

As discussed at our April 5<sup>th</sup> meeting, we are implementing our Forest Plan under the transition language found at CFR 219.14 in the 2005 planning regulations. One option available under the transition language is that we continue to implement under the 1982 rule. Until an EMS is in place, the Forest is using the current Forest Plan based on the 1982 regulations to develop and implement projects. If during this transition, the Forest Plan needs amending, amendments to the Plan would be based on the 1982 NFMA regulations as well.

o) In conclusion, in light of the legal, procedural, and substantive problems and reasons outlined, it is obvious now that, if the impacts are not clearly significant, the impacts may be significant, and an EIS is necessary.

#### Forest Service Response

The Forest Service has determined that an EIS will not be required. Following a careful review of your comments, we continue to believe that the EA adequately addresses and discloses all relevant and substantive issues, relative to the proposed action, and that none of the purported or implied legal, procedural, or substantial problems have merit.

## 2. Additional Past UEC Comments, Relative to Berry Public Scoping

a) This proposed action, as noted above, is for up to 29 miles of oil/gas wells. To characterize this as just exploration would not be honest. This is a large oil/gas development proposal. In fact, this is substantially larger than any oil/gas development proposed action contemplated on any National Forest in Utah since UEC formed in 1998.

This proposed Berry action is one component of the larger oil and gas development action on the south unit, which is essentially oil and gas field development of the largest scale seen on the Ashley NF to date, and the largest field development action on any Forest in Utah in many years.

In reality the known facts are that the south unit is undergoing oil and gas field development of fields or plays that are already known to be economically viable and have already been (or are) in various stages of oil and gas field development to the north, east and south of this unit of Forest Service land. Even just to the west, the Uinta NF is presently scoping yet another oil-gas well construction project in the starvation ridge area.

#### Forest Service Response

The difference between exploration and development activities is related to the purpose for the wells, and the complexity, nature, and size of the resource deposit being sought or explored, and not simply to the scale or number of wells being proposed. Similarly, a lack of numerous or similar drilling proposals, in the quite recent past, does not change the size or nature of the current proposals, or somehow elevate them from exploratory to development. Although UEC acknowledges not having experience with similar or larger proposals in the past, that also, by itself, does not make the current proposals extraordinary or unusual for the industry in any way, nor does it somehow alter their exploratory nature.

Finding economic oil or gas reserves, or other minerals, several miles to the east, west, or south of a given area is no guarantee that the given area will contain similar minerals or economic oil or gas reserves. This is especially true when surrounding deposits are known to be discontinuous, irregular in outline, and somewhat different in nature. Many economic mineral deposits are highly localized and irregular in outline, and require considerable technical science and risk, to accurately determine the locations and economic and geologic limits of such deposits.

The Forest Service disagrees that it is a known fact the South Unit is currently undergoing field development, particularly since the petroleum industry itself cannot accurately predict future development without further exploration and data. If Berry Petroleum was certain that large and economically viable oil and gas deposits existed within their lease areas, and could reliably determine the outline of those deposits, we would expect them to propose numerous drillholes at production spacing, filling and following the irregular outline of a known deposit, rather than the widely spaced fence of exploratory drillholes currently being proposed.

In order to maintain perspective on the level of development on the South Unit, we note that there is currently only one producing oil and gas well on the South Unit.

b) There is also an experimental component of the proposed action, which is to assess the technical and economic viability of directional drilling. Should the assessment of this technique not prove effective... it is reasonably foreseeable that the number of roads and drill pads may be significantly greater than currently assumed or described.

#### Forest Service Response

The proposed action includes the drilling 14 vertical exploratory wells, from 14 new well pads, along with needed construction or upgrading of access roads to reach the proposed drilling sites. The proposed action also includes the possibility of drilling an additional directional well from each of the 14 newly proposed well pads, as well as from their currently existing well pad. If directional drilling does not prove to be technically or economically viable, then that portion of the proposal would not be fully completed. No additional roads or well pads would be constructed, simply because the proponent chooses not to drill some of the wells being proposed.

c) Berry Petroleum already has one active well in the project area that is currently producing both oil and gas. In conflict with FS directives, the exploratory characterization provided to the public for that well, and presented in the DM was never accurate. The company and the Forest were aware that is was really development, not exploration.

#### **Forest Service Response**

See our previous comments regarding exploration. Berry's 6-2-65 well was clearly exploratory at the time it was proposed, when it was approved, and when it was drilled. Although Berry was certainly hoping to discover thick black petroleum, it was unclear how much would be encountered, and whether or not the well would prove to be economically viable. After drilling and testing were completed, the well did prove to be economically viable, producing considerable and unexpected quantities of natural gas, in addition to the thick black petroleum being sought. That the well subsequently proved to be economically viable, however, does not change the exploratory nature of the well when it was being proposed and drilled.

d) It is obvious that the greater action or proposal for oil and gas field development across the south unit of the Duchesne RD is a major federal action with effects so obviously significant that need for and EIS is obviated. We urge the Forest to file a NOI to prepare an EIS and commence scoping for that as soon as possible.

#### **Forest Service Response**

The Forest Service has carefully evaluated the proposed action and related issues, and determined that an EIS will not be required. While there are currently several proposals for mineral exploration, within the South Unit of the Ashley National Forest, they do not constitute small parts of a greater or unified action. Current proposals are clearly independent from each other, coming from different companies, seeking different commodities, in different ways, and from different rock layers, structures, or areas. To characterize all current and future exploration or development as a single greater action is inaccurate.

e) The Forest needs to file an NOI to prepare an EIS because of the appeal resolution agreement that the Forest and the UEC both signed on June 8, 2005. Any future oil and gas well project on the south unit of the Duchesne Ranger District will begin with the assumption that an EIS is required and will be scoped as such, and an NOI to prepare an EIS will be filed in the Federal Register. The Forest has not but still can and must file a NOI to prepare and EIS in the Federal Register and seope this project as an EIS.

#### **Forest Service Response**

The first item of the appeal resolution agreement (Item 1) states that future oil and gas well projects would start with the assumption that an EIS is required, and that an NOI should be published in the Federal register. However, the agreement does not stop after that first item. Following Item 1 are several additional items, which clearly build upon, modify, and provide exceptions to it.

Item 2 clearly states "If at any time during the analysis, the deciding official feels that a Finding of No Significant Impact (FONSI) can be supported or a CE is contemplated" the responsible official would notify interested parties of the change, provide a comment period on the use of a CE or EA/FONSI, and provide an opportunity to discuss our rationale with UEC. We provided a 30-day comment period for the EA. We also feel that our rationale for not needing to prepare an EIS was clearly presented and discussed with UEC during our April 5, 2006 meeting.

Item 3 then builds on this, by the Forest Service agreeing to release the EA for an official 30-day comment period, if the deciding officer affirms that an EA and FONSI are appropriate for a particular well drilling project, rather than an EIS. As noted above, we released the EA for a 30-day public comment period.

Item 4 of the agreement then modifies and builds on Item 1 again, by noting that for oil and gas wells that are deemed exploratory, the option remains to use CE's as appropriate. The proposed wells are obviously exploratory, as discussed above, as discussed at length in our April 5<sup>th</sup> meeting, and as described in the EA that was prepared for this project.

f) CEQ regulations at section 1508.27(7) tell agencies to consider whether the action is related to other actions with individually insignificant but cumulatively significant impacts. Significance exists if it is reasonable to anticipate a cumulatively significant impact on the environment. Significance cannot be avoided by terming an action temporary or breaking it down into small component parts. The present compartmentalization of effects via oil and gas development on the south unit via breaking the action apart into smaller components, each approved via CE or EA instead of proceeding with an EIS is just this.

Agencies are not allowed to avoid their responsibilities for cumulative effects analysis under NEPA by artificially dividing a larger plan or action into smaller components

#### Forest Service Response

Cumulative effects from the proposed action are clearly considered, discussed, and disclosed in the EA. The Forest Service is not breaking apart or compartmentalizing proposed oil and gas exploration on the South Unit, as no single larger action exists to be segmented. Current exploration proposals are clearly independent from each other, coming from different companies, seeking different commodities, in different ways, and from different rock layers, structures, or areas. To characterize current and future exploration or development as a single greater action would be inaccurate.

g) We are concerned about irretrievable and irreversible commitments of roadless and wilderness resources for this region.

The UEC hereby incorporates by reference GIS coverage of our roadless area inventory into these comments. The UEC also requests that the development and analysis of the proposed action and range of alternatives treat our roadless area inventory as a driving issue. We believe that our roadless area inventory should be a driving issue because you are currently in Forest Plan Revision and are in the process of developing a roadless inventory pursuant to the same System-wide criteria that we used.

#### Forest Service Response

Potential impacts to special management areas, including inventoried roadless areas, are discussed in the EA on pages 119-123. Possible future modifications to our roadless inventory, based on recommendations from UEC, are beyond the scope of this EA and decision.

h) Various comments relative to the migratory birds, the Migratory Bird Treaty Act, and Executive Order 13186. UEC recommends that you conduct activities outside critical breeding seasons for migratory birds, minimize temporary and long-term habitat losses, and mitigate all unavoidable habitat losses. If your activities occur in the spring or summer, we recommend you conduct surveys for migratory birds to assist you in your efforts to comply with the Migratory Bird Treaty Act.

#### **Forest Service Response**

Bird surveys were conducted within the project area in the spring of 2006. The results of this survey can be found in the Migratory Bird Survey and Raptor Nest Inventory Report prepared for this project, the MIS Report, Biological Evaluation, and the EA. Potential impacts to various migratory bird species, including Forest Service-Sensitive and Management Indicator Species, are discussed throughout the wildlife section of the EA, and are specifically addressed on pages 52-53 and page 73. Detailed information regarding special status migratory birds potentially occurring in or near the Project Area is presented in the Biological Evaluation and Management Indicator Species Evaluation reports available for inspection at the Duchesne Ranger District.

i) This triggers the need for a roads analysis on the south unit sufficient to inform decisions removing and adding all maintenance level roads involved. We understand that the development of the Roads Analysis Report (RAP) and the Report itself is not required to be a part of a NEPA process, but it may be done as such.

#### **Forest Service Response**

A Forest-wide roads analysis has been completed.

j) The economic cost of the proposed new road construction must be rigorously evaluated. The Forest already has a huge maintenance and deferred maintenance backlog. Addition of new classified road will only compound this problem.

#### Forest Service Response

New or upgraded roads would be built and or maintained by the proponent for the life of the project. Therefore the Forest Service would not incur increased road maintenance costs from this project.

k) Will the Forest issue the surface plan of operations, and do you think that any agency is charged with protection of surface resources in the area other than the Forest Service? We expect that the Forest Service will ensure that it fulfills its duties to protect surface resources and values. While we assume that leases have been issued? If any are pending or not final, if harm to such resources cannot be prevented, the BLM may not issue the leases over the objection of the Forest Service.

#### **Forest Service Response**

The Forest Service does not "issue" a "Surface Plan of Operations" for oil and gas-related activities. As required by law, the Surface Use Plan was submitted to the BLM by the proponent, as part of the formal Application for Permit to Drill (APD) package. When the surface in question is managed by the Forest Service, the BLM forwards the Surface Use Plan to the Forest Service for review and approval. When the Surface Use Plan is approved by the Forest Service, any needed mitigations or conditions are then forwarded back to the BLM, who attach them to the APDs as Conditions of Approval (COA). The BLM then approves the Drilling (or subsurface) Plan, adds whatever additional subsurface requirements or mitigations that they may have, and signs the APDs, thereby authorizing the drillholes to be drilled. With that in mind, the Forest Service is fully responsible for appropriate protection of surface resources, as well as balancing that protection with various other public needs, rights, and laws.

The proposed project would take place entirely within existing leases.

I) A surface resource of particular concern is the Colorado River Cutthroat Trout populations and habitat in the cumulative effects areas, as well as effects to TES species down stream. All project-related structures, roads, and development should be located outside of the riparian habitat conservation area so that adverse effects to this population are avoided. Suitable and more importantly effective mitigation that avoids all impacts at every opportunity possible should be integrated into the project design to prevent any harm to TES and MIS fish and wildlife and plants. Impacts that are direct, indirect, and cumulative to the watersheds and the TES and MIS plants and animals both on the ridgelines and down the watersheds below must be treated as significant, driving issues in the NEPA analysis.

#### Forest Service Response

No fisheries occur within the Project Area. The nearest population of special status fish species occurs approximately 65 miles downstream of the Project Area. Potential impacts to these

species are discussed in the Wildlife section of the EA (pages 51-80). Cutthroat trout are specifically discussed on pages 60-62. Cutthroat trout do not occur in or near the Project Area and therefore are not discussed in the impacts section.

Suitable and appropriate mitigation was built into the Proposed Action, as deemed necessary to protect TES, MIS and other surface resources. A Biological Assessment, Biological Evaluation, and Management Indicator Species Evaluation have been completed in conjunction with the EA.

m) A BE/BA needs to be prepared and used to inform the development of the range of alternatives (if any), including the proposed action in the EA that should be prepared. Consultation with the FWS, and a BO is needed. Failure to do this may be inconsistent with the ESA, as well as FSM/FSH, NFMA, and Forest Plan direction relating to maintaining and improving populations and habitat for TEPCS species' populations and their habitat.

#### **Forest Service Response**

A Biological Assessment, Biological Evaluation, and Management Indicator Species Evaluation have been completed in conjunction with this project and EA. We have been in consultation with the Fish and Wildlife Service, and have their concurrence for this project.

n) Since habitat for mollusks, amphibians and tall forbs are directly impacted by current and proposed projects such as this, the Forest needs to consider if it should modify the proposed action such that it address and resolves all direct and indirect impacts to mollusks, native amphibians and tall forb communities and their habitat. You need to do project level surveys for Uinta Mountainsnail, as the FWS reports that populations have recently been discovered in this region, when in the past is was only found on the south slope of the Uintas.

#### **Forest Service Response**

No impacts to tall forbs are expected, since disturbance associated with the Proposed Action would be limited to sagebrush-grasslands.

Habitat for mollusks and native amphibians, within or adjacent to project activities, is limited to Sowers Creek. The only project activities planned along Sowers Creek are located well away from the creek itself, and the associated riparian areas.

The Fish and Wildlife Service found no evidence that the Uinta Mountain snail is a separate species, or that it merits listing (USDI F&WS 2005). There are only two locations on the Forest that the Uinta Mountain snail was suspected to inhabit, and only one location on the District. The nearest suspected location is on the south slopes of the Uintas, and is more than 50 miles north of the project area.

o) This is in Lynx habitat that has been used in recent years, and is in Lynx corridor designation. The proposed action would need to incorporate Lynx Conservation Assessment and Strategy (LCAS) standards and guidelines. Remember, lynx have crossed this area within the last few years, and may be in or return again in the near future. We encourage the Forest to implement mitigation measures in the proposed action that significantly exceed the LCAS standards and guidelines. In addition to simple incorporation of LCAS standards and guidelines, we request that the DEIS and FEIS include rigorous analysis of the direct and indirect cumulative effects of past present and reasonably foreseeable grazing, logging, mining, and recreational impacts to Lynx and Lynx habitat.

#### Forest Service Response

While a transient collared lynx was documented crossing the south slope of the Uinta Mountains, no lynx have been documented on the South Unit, or within the project area, where lynx habitat does not occur.

p) We urge the Forest not to approve or consent/concur to this proposed action at this time. UEC does not want the Forest Service to allow this activity in this beautiful and very visible area.

#### Forest Service Response

Comment is acknowledged. No response needed.

q) There are presently also many substantive and procedural violations of law, regulation and policy at this time that may be triggered by proceeding with the proposed action without sufficient cumulative impacts analysis, a complete description of the proposed action, and changes in management direction for the area.

#### **Forest Service Response**

We feel that the Proposed Action has been described sufficiently well for all reasonable needs and analysis, and that the EA adequately addresses cumulative impacts. Despite a careful review of your numerous comments, we do not believe there have been any substantive or procedural violations of law, regulation, or policy.

# 3. Additional Past UEC Comments, Relative to Other Projects

a) I have not been able to read this unusually large EA so that I can provide as many constructive and meaningful comments as I want to.

#### **Forest Service Response**

Comment is acknowledged, and refers to the recent EOG EA. No response needed.

b) Commenter incorporates by reference the EOG Chapita Wells DEIS prepared by the Vernal Field Office of the BLM and suggests the need for an interagency, single EIS.

#### Forest Service Response

The Proposed Action and the cited EIS represent completely separate and unrelated actions. The fact that both actions are related to oil and gas exploration is not sufficient reason to link the two, or suggest that a common EIS is needed or appropriate.

c) UEC urges the Forest to deny surface occupancy at every opportunity legally available.

#### Forest Service Response

The conditions under which surface occupancy may be denied are clearly listed in the Western Uinta Basin Oil and Gas Leasing EIS, and were attached as stipulations to the subsequently issued federal oil and gas leases. The Forest Service has enforced these stipulations, as deemed appropriate, and will continue to do so. To simply oppose surface occupancy "at every opportunity legally available" would be in conflict with National, Agency, and Forest-level minerals direction, regulations, and mandates.

(end of document)

Supervisor's Office 355 North Vernal Avenue Vernal, UT 84078

File Code: 1950/2820-2

Date: September 22, 2006

Chris Freeman
Berry Petroleum
410 17th Street, Suite 1320
Denver, CO 80202

CERTIFIED MAIL – RETURN RECEIPT REQUESTED NUMBER:7006 0100 0004 0589 6026

Dear Mr. Freeman,

Enclosed is a copy of the Decision Notice and Finding of No Significant Impact (DN / FONSI) documenting my decision to approve the Surface Use Plan of Operations (SUPO) for 4 well pad locations, and up to 8 wells, that you proposed for exploratory oil and gas drilling. Also enclosed is a copy of our Summary of Public Comments from the Berry EA, with Forest Service Responses.

Berry Petroleum originally proposed drilling up to 29 exploratory oil and gas wells within the South Unit of the Ashley National Forest. However, the Ashley National Forest recently approved the Surface Use Plan of Operations (SUPO) for 21 of the proposed wells, via Statutory CE Category 1 of Section 390 of the Energy Policy Act of 2005.

This decision approves the Surface Use Plan of Operations (SUPO) for the remaining 8 proposed wells. Specifically, this decision includes approval for the construction of well pads 11-10-65, 6-11-65, 6-6-64, and 5-3-64, construction or upgrading of access routes to those pads, and drilling of vertical and directional wells from those pads, as described in the recent 2006 Berry EA. Should the proposed wells prove to be productive, this approval also includes installation of production facilities, and operation for as long as they remain productive and economically viable. As part of this decision, I am requiring all of the mitigation measures and design elements included within the original proposed action, or added to the proposed action during preparation of the 2006 Berry EA.

As the project proponent you have standing to appeal this decision under the appeal regulations at 36 CFR 251, subpart C. The appeal procedures are discussed in the Decision Notice.

If you have any questions or need additional information about this decision please contact Kevin Elliott (435) 781-5136 or David Herron (435)-781-5218.

Sincerely,

KEVIN B. ELLIOTT Forest Supervisor

cc: Mike T Elson, David A Herron, Sherry A Fountain, Peter A Kempenich





# **BERRY PETROLEUM COMPANY**

**FEDERAL #7-3D-65** 

LOCATED IN DUCHESNE COUNTY, UTAH SECTION 3, T6S, R5W, U.S.B.&M.



PHOTO: VIEW OF LOCATION STAKE

**CAMERA ANGLE: NORTHWESTERLY** 

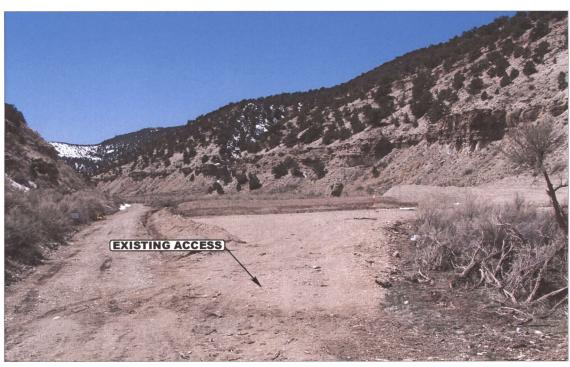


PHOTO: VIEW OF EXISTING ACCESS

**CAMERA ANGLE: SOUTHWESTERLY** 



Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 \* FAX 435-789-1813

**LOCATION PHOTOS** 

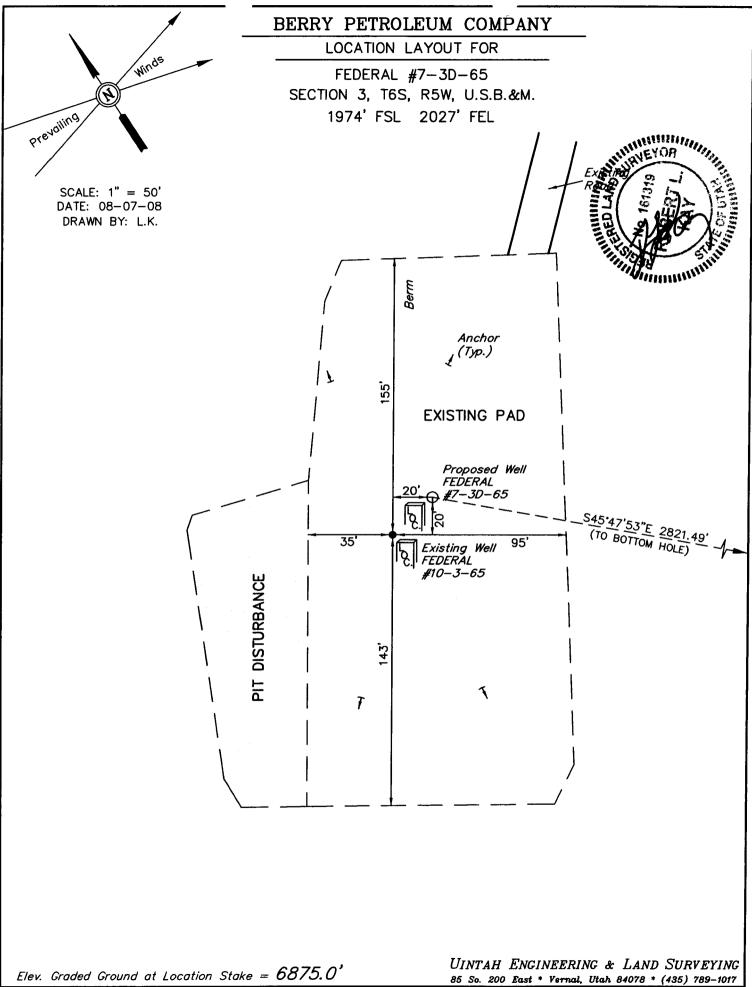
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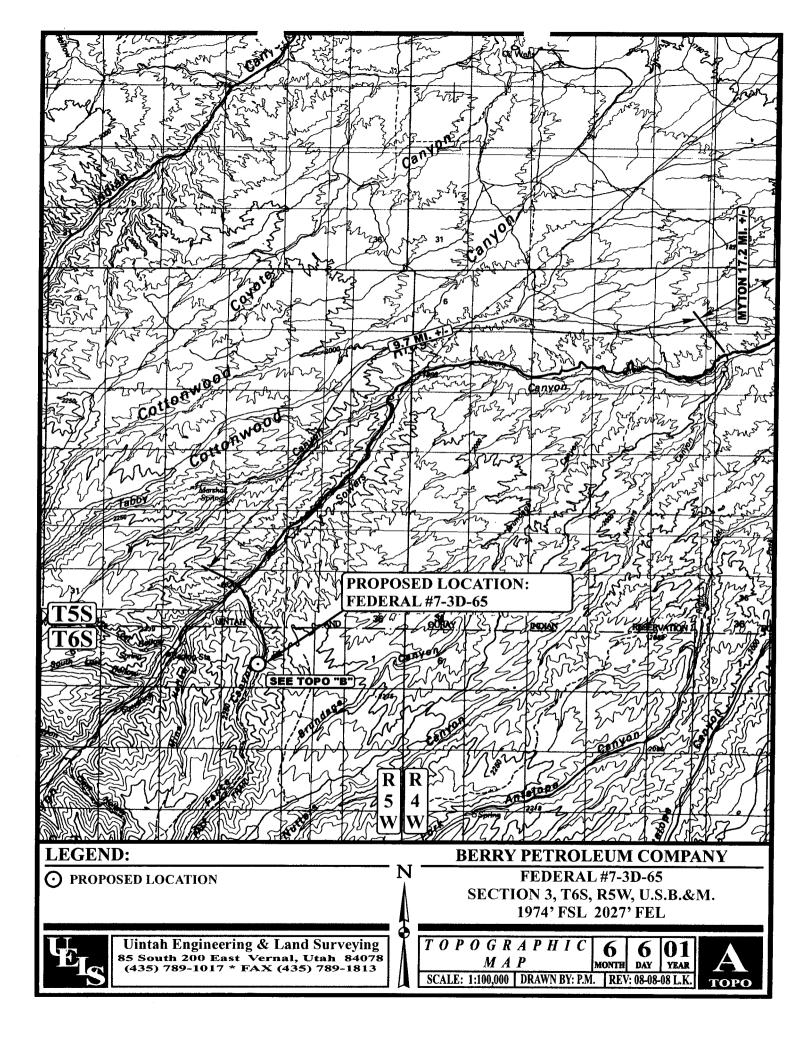
РНОТО

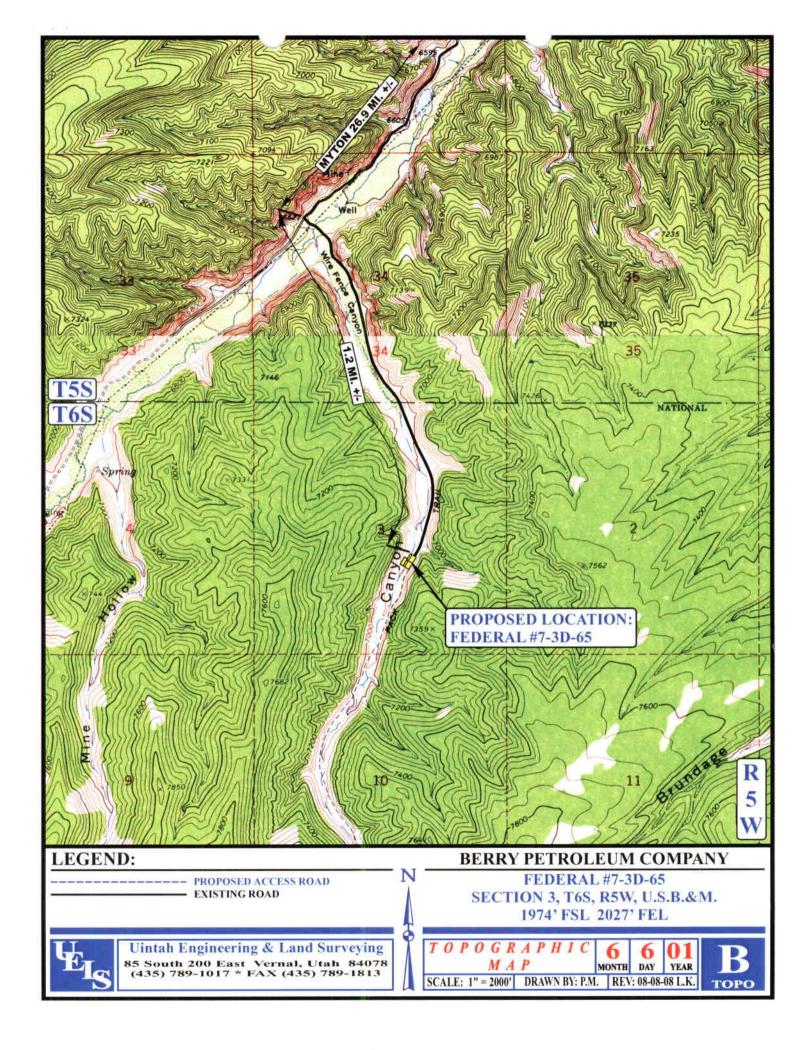
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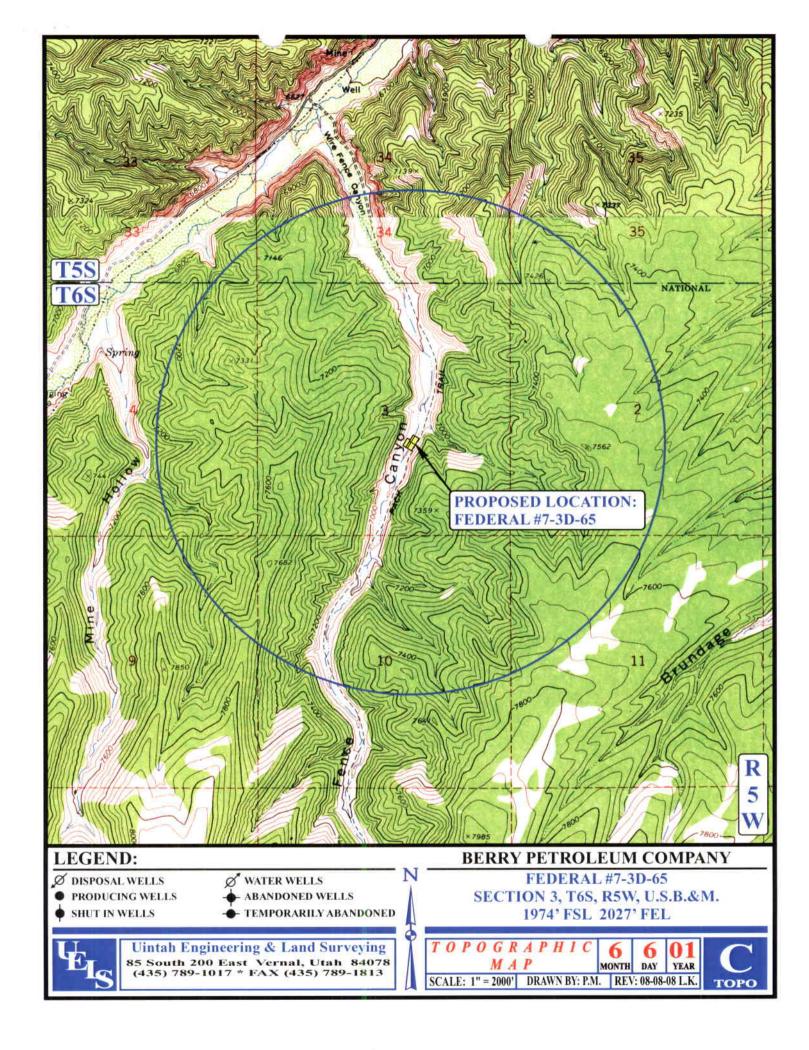
REV: 08-08-08 L.K.



UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

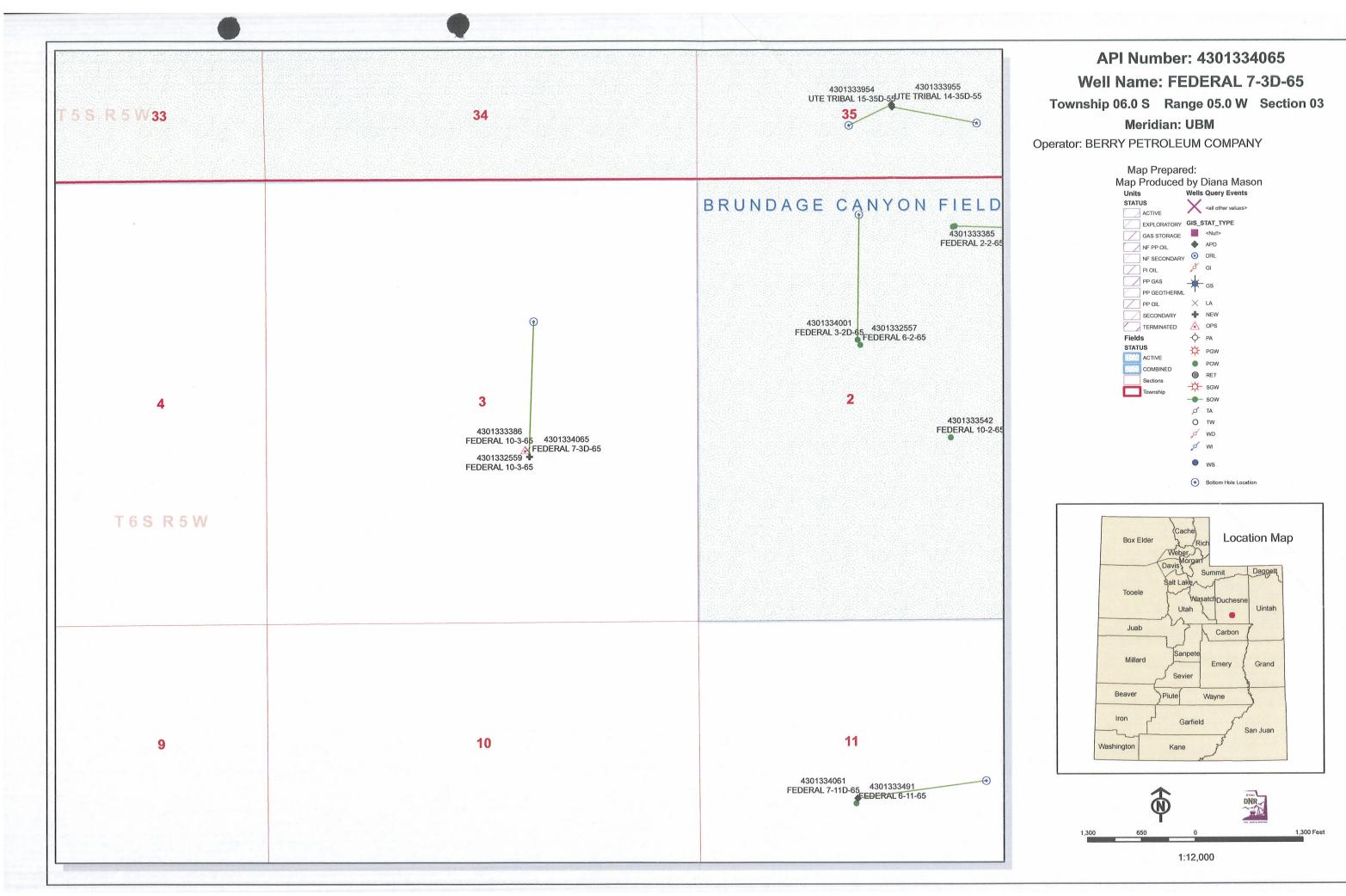






# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/27/2008		API NO. ASSIGNED: 43-013-34065			
LIDI I	FEDERAL 7-3D-65		L		
WELL NAME: OPERATOR:	FEDERAL 7-3D-65 BERRY PETROLEUM COMPANY ( N2480 )	PHONE NUMBER: 435-722-1325			5
	SHELLEY CROZIER			41, 44 18 Att (12	
PROPOSED LO		INSPECT LOCATN BY: / /			
NWSE 03 060S 050W			Tech Review	Initials	Date
	1974 FSL 2027 FEL			Initials	
	1700 FNL 1967 FEL		Engineering		
COUNTY:			Geology		
	LATITUDE: 39.98701 LONGITUDE: -110.4311 UTM SURF EASTINGS: 548571 NORTHINGS: 4426260		Surface		
FIELD NAM	E: UNDESIGNATED ( 2	)			
LEASE NUMBE	1 - Federal R: UTU-77326 JER: 1 - Federal		PROPOSED FORMA COALBED METHAN		<i>1</i>
RECEIVED AN	ID/OR REVIEWED:	LOCATI	ON AND SITING:		
Plat		R649-2-3. Unit:			
	Fed[1] Ind[] Sta[] Fee[]				
,	RLB0005651 )			l	
	sh (Y/N) Shale 190-5 (B) or 190-3 or 190-13	R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between We		etween Wells	
	Permit	✓ R649-3-3. Exception			1
(No.	43-11041 )	Drilling Unit			
<del>                                      </del>	Review (Y/N)		Board Cause No:		
	te:)	Eff Date:			
	Surf Agreement (Y/N)	Siting:  R649-3-11. Directional Drill			
<u>NM</u> Inter	nt to Commingle (Y/N)				
COMMENTE		1, 19, 1			
COMMENTS: _	<u>,,,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,</u>				
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STIPULATION		prove			
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# State Utah DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 9, 2008

Berry Petroleum Company Rt. 2, Box 7735 Roosevelt, UT 84066

Re:

Federal 7-3D-65 Well, Surface Location 1974' FSL, 2027' FEL, NW SE, Sec. 3,

T. 6 South, R. 5 West, Bottom Location 1700' FNL, 1967' FEL, SW NE, Sec. 3,

T. 6 South, R. 5 West, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34065.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Duchesne County Assessor** 

Bureau of Land Management, Vernal Office



Operator: Berry Petroleum Company						
Well Name & Number Federal 7-3D-65						
<b>API Number:</b> 43-013-34065						
Lease:	UTU-7	7326				
Surface Location: NW SE	Sec. 3	T. <u>6 South</u>	<b>R.</b> <u>5 West</u>			
<b>Bottom Location:</b> SW NE	Sec. 3	T. 6 South	<b>R.</b> 5 West			

## **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at work (801) 538-5281 home (801) 733-0983

## 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-3 (April 2004)

### UNITED STATES

RECEIVED

AUG 2 6 2008

FORM APPROVED OMB No. 1004-0137 Expires March 31, 200

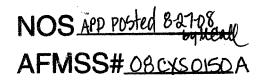
DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

. Lease Serial No.

010-77326

APPLIC	CATION FO	R PERMI	TO DRILL	OR REENTER		o. n malan,	Thotas of Tibe Haile	•
a. TYPE OF WORK	√DRILL	<del></del>	REENTE	R BLM VERNA	IL, UTAI	7. Unit or Ca	A Agreement, Name a	nd No.
tb. Type of Well:	√ Oil well	Gas well	Other	√ Single zone	Multiple zone	8. Lease Na	me and Well No. FEDERAL	7-3D-65
Name of Operator	ETROLEUM	COMPANY	<i>'</i>			9. API Well	No. 3-013-3	34065
	TH 4028 W		·····	Bb. Phone No. (include are cod			d Pool, or Exploratory	
RT. 2 BOX	( 7735, ROC	SEVELT, L	JT. 84066	(435) 722-132	25	B	RUNDAGE C	ANYON
. Location of Well (Report location		-		NAD 27		11. Sec., T.	R. M. or BLK. and Su	rvey or Area
At surface (NW/S	E) 1974' FS	SL, 2027' FE	ΞL	39.987178 L	AT	S	EC. 3, T.6S.,	R.5W.
At proposed prod. zone	BHL: 1700'	FNL, 1967'	FEL	110.431064 L0	ONG		U.S.B.& <b>N</b>	Λ.
4. Distance in miles and dircetio	n from nearest towr	or post office*				12. County	or Parrish	13. State
	FROM MYT	ON, UTAH					CHESNE	UTAH
<ol> <li>Distance from proposed*     location to nearest     property of lease line, it.     (Also to neaset drig. Unit line,</li> </ol>	ıt anv)	1974'		16. No. of acres in lease 1922	17.	Spacing Unit de 40	edicated to this well	
Distance from proposed*     to nearest well, drilling, comp applied for, on this lease, ft.		40'		19. Proposed Depth 5204'	20.	BLM/BIA Bond	No. on file UTB0000	35
Elevations (Show whether DF	, KDB, RT, GR, etc.	)		22. Approximate date work will			23. Estimated durati	on
6875'	GR	<u>, , , , , , , , , , , , , , , , , , , </u>		UPON APPRO	OVAL OF	APD	APPROXIMA	TELY 6 DAYS
		24. A	ttachments (Pai	d for with check # 00163	32)			
he following, completed in accor-	dance with the requ	irements of Onshor	e Oil and Gas Order	No. 1, shall be attached to this	form:			
Well plat certified by a register     A Drilling Plan.     A Surface Use Plan (if the loca SUPO shall be filed with the a	ition is on National I		is, the	4. Bond to cover the of item 20 above. 5. Operator certification 6. Such other site speauthorized officer.	on.	·	-	
5. Signature		Λ .		Name (Printed/Typed)			Date	
Shell	leu 2.	Croque	<u> </u>	SHELLE	Y E. CRO	ZIER	08/2	26/08
Fittle REGULATOF	<i>()</i> RY & PERM	ITTING SPE	ECIALIST					
Approved by (Signatrue)				Name (Printed/Typed)	> KA		Date	V 1 20
Lands & N	f Field Mana Ineral Reso	urces		Office VERNA	L FIELD	OFFIC		
Application approval does not war conduct operations thereon. Conditions of approval, if any, are	rant or certify that t	ne applicant holds I	egal or equitable title	to those rights in the subject le	PRC	entitle the alli	ant to	CHE
Fitle 18 U.S.C. Section 1001 and			(		e to any departn	nent or agency	of the United	

\*(Instructions on page 2)



**NOTICE OF APPROVAL** 

RECEIVED
OCT 0 6 20.3

DIV. OF OIL, GAS & MINING





## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT **VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-4400



## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

**Berry Petroleum Company** 

Location: Lease No: NWSE, Sec. 3, T6S, R5W

Well No: API No:

Federal 7-3D-65 43-013-34065

Agreement:

UTU-77326

N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus Î	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	,
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fax: (435) 781-3420	

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: Federal 7-3D-65

9/17/2008

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

See Attached Forest Service Surface Use Plan of Operations (SUPO) - Conditions of Approval.

Page 3 of 6 Well: Federal 7-3D-65

9/17/2008

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

### SITE SPECIFIC DOWNHOLE COAs:

- Logging: Run Gamma Ray from TD to surface.
- All casing strings below the conductor shall be pressure tested to 0.22 psi/foot or 1500 psi, whichever is greater but not to exceed 70% of the internal yield.
- As a minimum, usable water zones shall be isolated and/or protected by having a cement top
  for the production casing at least 200 feet above the base of usable water or the top of the
  Green River formation, whichever is shallowest.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: Federal 7-3D-65

9/17/2008

The operator must report all shows of water or water-bearing sands to the BLM. If flowing water
is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM
Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 5 of 6 Well: Federal 7-3D-65

9/17/2008

### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written
  communication and must be received in this office by not later than the fifth business day
  following the date on which the well is placed on production. The notification shall provide, as a
  minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - o Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

Page 6 of 6 Well: Federal 7-3D-65

9/17/2008

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field
  Office Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports shall be
  submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API
  standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All
  measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs
  first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator: Berry Petroleum Well Name &Number: Federal 7-3D-65

Lease number: UTU-77326 Location: NWNE Sec, 3 T.,6S., R.5W

Surface Ownership: FS Date: 8 Sept 2008

Date APD Received: 8 September 2008 NOS Received:

The following is a list of conditions of approval, for the proposed well noted above, which are being required by the Ashley National Forest. These conditions are in addition to those listed in the Surface Use Plan of Operations (SUPO) and APD that were submitted for the proposed well.

## Vegetation Resources

- To reduce the spread/introduction of noxious and invasive weed species via project-related vehicles and equipment into the Project Area, Berry and its contractors would power-wash all construction equipment and vehicles prior to the start of construction.
- During the construction phase of the project, Berry will implement an intensive reclamation and weed control program after each segment of project completion. Berry will reseed all portions of well pads and the ROW not utilized for the operational phase of the project, as well as any sites within the Project Area determined necessary by the USFS. Reseeding will be accomplished using native plant species indigenous to the Project Area. Post-construction seeding applications will continue until determined successful by the USFS. Weed control will be conducted through an Approved Pesticide Use and Weed Control Plan from the Authorized Officer. Weed monitoring and reclamation measures will be continued on an annual basis (or as frequently as the Authorized Officer determines) throughout the 30 year life of the project.

### Wildlife Protection

- All pits containing materials that might be hazardous to wildlife would be covered with steel mesh screen or netting to prevent entry by migratory birds, bats, or other wildlife species.
- Prior to any surface disturbing activity between April 30 and August 31, Berry or their contractor, in coordination with a USFS Biologist, would survey all areas within 0.25 mile of proposed surface disturbance for the presence of raptor nests. If occupied/active raptor nests are found, construction would not occur during the critical nesting season for that species within the species-specific spatial buffer, unless the nest is obscured from visual or noise-related impacts through vegetative or topographic screening. USFS

biologists would determine spatial buffers based on site-specific vegetative and topographic features within the vicinity of occupied nests.

### Access Roads

- Construction or upgrading of roads would not be allowed during muddy or frozen conditions. Should mud holes develop, they would be filled in and detours around them would not be allowed.
- Where road developments would cross existing cattle fences, cattle guards would be installed and fences will be repaired to functioning condition.
- As needed, Berry would apply water to utilized roads to reduce fugitive dust from vehicle traffic. If water application does not adequately reduce fugitive dust, the use of Magnesium Chloride (MgCl) would be considered.
- Road drainage crossings for new or upgraded roads would be designed so they would not cause siltation or the accumulation of debris in the drainage crossing, and the drainages would not be blocked by the roadbed.

## Water / Floodplains / Wetlands

- To assess the potential impact of the Project on Sowers Creek, Berry will annually or semi-annually monitor the stream for phenols, nutrient, and sediment related indicators.
- Energy dissipaters such as straw bales and silt fences may be required to prevent excess erosion of soils from disturbed areas into adjacent surface waters or floodplains. These structures would be installed during construction, and would be left in place and maintained for the life of the project or until the disturbed slopes have revegetated and stabilized.
- Earthen berms or other appropriate water diversion structures will be required for this site, to divert ephemeral surface drainages and potential debris flows away from the well pad and reserve pit areas. Diversion will be done in a way that minimizes impacts to the existing channels and canyon bottom, and also protects the well site from potential flooding. These structures would be installed during construction, and would be left in place and maintained for the life of the project or until all disturbed areas have been reclaimed, revegetated, and stabilized.

### Noise

• Pump jack engines would be equipped with high grade mufflers to reduce noise during the operational life of the project.

Reserve Pit or Closed Loop

• All pits containing materials that might be hazardous to wildlife would be covered with steel mesh screen or netting to prevent entry by migratory birds, bats, or other wildlife species.

4 3 × 4

- The reserve pit would be lined with 20 mil synthetic reinforced material. The liner would overlay a felt liner pad which would protect the liner from punctures if rock is encountered during excavation.
- Transport the cuttings off-site and off-Forest for disposal at an appropriate and approved disposal facility.

### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

## **ENTITY ACTION FORM**

<sub>zip</sub> 84066

Operator:

BERRY PETROLEUM COMPANY

Operator Account Number: N 2480

Address:

4000 S. 4028 W. RT.2 Box 7735

city Roosevelt

state UT

Phone Number: (435) 722-1325

processed 8/28/07

Well 1 43 0/3 33386

API Number	Well	Name	QQ	Sec	Twp	Rna	County
- <del>-490133333</del> 8	FEDERAL 10-3-65		WWSE	3	6S	5W	DUCHESNE
Action Code	Current Entity Number	New Entity Number	s	pud Dat	te		tity Assignment Effective Date
	99999		1	0/3/200	8/		
Comments:						<del></del>	***************************************

Well 2

API Number	Weil	Weil Name			Twp	Rng	County
4301334065	FEDERAL 7-3D-65	FEDERAL 7-3D-65			68	5W	DUCHESNE
Action Code	Current Entity New Entity Number Number		s	Spud Date		Entity Assignment Effective Date	
A	99999	17124	1	0/4/200	)8	10	121 /08
Comments:		BHL=SW	NE		•		-

### Well 3

API Number	Well	QQ	Sec	Twp	Rng	County	
4301333802	FOY 9-33D-55		NESE	33	58	5W	DUCHESNE
Action Code	Current Entity Number	, , , , , , , , , , , , , , , , , , , ,		Spud Date		Entity Assignment Effective Date	
A	99999	17135		10/7/200	)8	10	121 /08
Comments: GRRU BHL = NESE							

### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

**RECEIVED** 

OCT 07 2008

REGULATORY ASSISTANT. Title

JOLENE HOLMES

Name (Please Print)

10/7/2008 Date

(5/2000)

	DEPARTMENT OF NATURAL RESOU	DOES	r Orivi 9
	DIVISION OF OIL, GAS AND MI		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326
SUNDRY	NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill r drill horizontal la	new wells, significantly deepen existing wells below cu aterals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER: FEDERAL 7-3D-65
2. NAME OF OPERATOR: BERRY PETROLEUM CO	DMPANY		9. API NUMBER: 4301334065
3. ADDRESS OF OPERATOR: 4000 S. 4028 W.	Y Roosevelt STATE UT ZIF	PHONE NUMBER: (435) 722-1325	10. FIELD AND POOL, OR WILDCAT: BRUNDAGE CANYON
4. LOCATION OF WELL			
FOOTAGES AT SURFACE: 1974'	FSL, 2027' FEL BHL: 1700' FN	L, 1967' FEL	COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NWSE 3 T6S F	R5W	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE REPO	ORT OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	,
	ACIDIZE	DEEPEN DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	=	
SUBSEQUENT REPORT		PLUG AND ABANDON	VENT OR FLARE
(Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ OTHER: SPUD NOTICE
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
	OMPLETED OPERATIONS. Clearly show all p		nes, etc.
NAME (PLEASE PRINT) JOLENE I	HOLMES	TITLE REGULATORY	& PERMING ASSISTANT

(This space for State use only)

**RECEIVED** OCT 0.8 2008

DATE 10/6/2008

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING UTU-77326 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL OIL WELL 🗸 GAS WELL OTHER FEDERAL 7-3D-65 2. NAME OF OPERATOR: 9. API NUMBER: BERRY PETROLEUM COMPANY 4301334065 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: CITY Roosevelt 4000 S. 4028 W. STATE UT ZIP 84066 (435) 722-1325 **BRUNDAGE CANYON** 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1974' FSL, 2027' FEL BHL: 1700' FNL, 1967' FEL COUNTY: DUCHESNE QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE: 3 **T6S R5W** STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF SUBMISSION TYPE OF ACTION ACIDIZE DEEPEN REPERFORATE CURRENT FORMATION  $\mathbf{Z}$ NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS **OPERATOR CHANGE TUBING REPAIR** CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK WATER DISPOSAL (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) WATER SHUT-OFF Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: COMPLETION CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. PLEASE SEE THE ATTACHED COMPLETION PROGRAM FOR THE FEDERAL 7-3D-65. COPY SENT TO OPERATOR Date: 11 25 2008 **REGULATORY & PERMING ASSISTANT** JOLENE HOLMES NAME (PLEASE PRINT) 10/28/2008 SIGNATURE

(This space for State use only)

Accepted by the Utal: Nivision of

Oil. Gas and Mining

Instructions on Reverse Side

RECEIVED OCT 3 0 2008

DIV. OF OIL, GAS & MINING

(5/2000)

Surface:

1974' FSL, 2027' FEL

Sec. 3, T6S-R5W

**Duchesne County, Utah** 

API No:

43-013-34065

Depth:

TD 5520'

Elevation:

GL 6875'; KB 6889'; KB - GL = 14'

CSG:

8 5/8" 24# J-55 STC set @ 334' KB cmt'd w/ 200 sacks

Class G

5 1/2" 15.5# J-55 LTC @ 5498' KB cmt'd w/ 230 sks lead &

460 sks 50:50:2 tail

Mkr jt @ 4228.4' KB

Length - 20.53'

FC @ 5451' KB

TBG:

2 7/8" 6.5# J-55 8rd w/ 2 7/8" SN 1 jt off btm. EOT @

xxxx', TAC @ xxxx.

FM:

Douglas Creek 3,767', Black Shale 4,408', Castle Peak Ls

4,737', Uteland Butte Ls 5,188', Wasatch 5.400'.

Required TOC:

1025'

## Correlate Depths to the PSI CD/CN log dated 10/13/2008.

### PROGRAM:

- 1) Install surface production equipment and pumping unit.
- 2) NU frachead & BOPE. Load hole.
- 3) MIRU wireline w/ mast pole. Run GR/CCL/CBL from PBTD to TOC. Verify PBTD & acceptable cmt bond across zones to be completed. Make sure that CBL is run to a shallow enough depth so that the TOC can be identified. Cement top should be within the surface casing to satisfy Berry Petroleum's SOP. Test csg to 2,000 psi. Contact Denver if CBL or pressure test unsatisfactory. If acceptable, proceed and perf the following Uteland Butte interval @ 120° w/ 22.7 gm charges, 0.36" dia. holes:

Interval:	1	Top Perf	Btm Perf	SPF	Length	No. Perfs
		5215	5217	2	2	4
		5238	5240	2	2	4
		5258	5260	2	2	4
		5267	5269	2	2	. 4
		5297	5299	2	2	4
		5360	5362	2	2	4
				Total:	12	24

4) RU frac equip. & frac down csg per design f/ Interval 1. SD & record ISIP. RD frac equip. RU wireline. RIH w/ 5 ½" solid composite plug; run in tandem w/ 3 1/8" csg gun(s). Set plug @ +/- 5,198. Perf the following Castle Peak interval @ 120° w/ 22.7 gm charges, 0.36" dia. holes:

Interval:	2	Top Perf	Btm Perf	SPF	Length	No. Perfs
		5024	5026	2	2	4
		5039	5041	2	2	4
		5082	5084	2	2	4
		5094	5096	2	2	4
		5166	5168	2	2	4
				Total:	10	20

5) RU frac equip. & frac down csg per design f/ Interval 2. SD & record ISIP. RD frac equip. RU wireline. RIH w/ 5 ½" solid composite plug; run in tandem w/ 3 1/8" csg gun(s). Set plug @ +/- 4,966 Perf the following Castle Peak interval @ 120° w/ 22.7 gm charges, 0.36" dia. holes:

Interval:	3	Top Perf	Btm Perf	SPF	Length	No. Perfs
		4820	4822	2	2	4
		4852	4854	2	2	4
		4858	4862	2	4	8
		4933	4936	2	3	6
					·	
				Total:	11	22

6) RU frac equip. & frac down csg per design f/ Interval 3. SD & record ISIP. RD frac equip. RU wireline. RIH w/ 5 ½" solid composite plug; run in tandem w/ 3 1/8" csg gun(s). Set plug @ +/- 4,738 Perf the following Black Shale interval @120° w/ 22.7 gm charges, 0.36" dia. holes:

Interval: 4	Top Perf 4698	Btm Perf 4708	SPF 2	Length 10	No. Perfs 20
			Total:	10	20

7) RU frac equip. & frac down csg per design f/ Interval 4. SD & record ISIP. RD frac equip. RU wireline. RIH w/ 5 ½" solid composite plug; run in tandem w/ 3 1/8" csg gun(s). Set plug @ +/- 4,292'. Perf the following **Douglas Creek** interval @ 120° w/ 22.7 gm charges, 0.36" dia. holes:

interval:	5	Top Perf 4238 4260	Btm Perf 4246 4262	SPF 2 2	Length 8 2	No. Perfs 16 4
				Total:	10	20

8) RU frac equip. & frac down csg per design f/ Interval 5. SD & record ISIP. RD frac equip. RU wireline. RIH w/ 5 ½" solid composite plug; run in tandem w/ 3 1/8" csg gun(s). Set plug @ +/- 4,095'. Perf the following **Douglas Creek** interval @ 120° w/ 22.7 gm charges, 0.36" dia. holes:

Interval:	6	Top Perf	Btm Perf	SPF	Length	No. Perfs
		3930	3932	2	2	4
		3974	3976	2	2	4
		4038	4040	2	2	4
		4061	4065	2	4	8
				Total:	10	20

- RU frac equip. & frac down csg per design f/ Interval 6. SD and record ISIP. RD frac equipment from wellhead. Open and flow well to tank.
- 10) RIH w/ 2 %" tbg w/ bit. RIH w/ tbg to top of plug. CO to PBTD. Circulate hole clean. POOH & lay down bit.
- PU NC & SN & 5 ½" anchor catcher. Pull up & Set anchor catcher & SN below bottom perfs. ND BOPE. NU tbg head & flow tee. RIH w/ pump & rod string. Seat pump & space out. Fill tbg & test to 500psi. Hang on clamps. Start well pumping. RD & MO.

Stage 1: **Uteland Butte** 

Top Perf: Btm. Perf: 5215 ft

5362 ft

**Total Proppant:** 

60,000 lb

16/30 White

Rate:

40 bpm

Stage		Vol (Gal)	Vol (bbls)	Beg. PPA	End PPA	Prop (lb)
1	Acid	250	6.0			
2	Pad	11000	261.9			
3	1-3 PPA Ramp	19500	464.3	1	3	39000
4	3-4 PPA Ramp	6000	142.9	3	4	21000
5	Spacer	47	1.1			
6	Acid	250	6.0			
7	Flush	4916	117.1			

Total Fluid:

987 bbls

Stage 2: **Castle Peak**  Top Perf:

5024 ft

Btm. Perf:

5168 ft

**Total Proppant:** 

60,000 lb

16/30 White

Rate:

40 bpm

Stage		Vol (Gal)	Vol (bbls)	Beg. PPA	End PPA	Prop (lb)
1	Pad	4000	95.2	_		• • •
2	1-5 PPA Ramp	10000	238.1	1	5	30000
3	5 PPA Hold	6000	142.9	5	5	30000
4	Spacer	88	2.1			
5	Acid	250	6.0			
6	Flush	4685	111.5			

**Total Fluid:** 

590 bbls

Stage 3: Castle Peak

4820 ft

Top Perf: Btm. Perf:

4936 ft

Total Proppant:

70,000 lb

16/30 White

Rate:

40 bpm

Stage		Vol (Gal)	Vol (bbls)	Beg. PPA	End PPA	Prop (lb)
1	Pad	4700	111.9			
2	1-5 PPA Ramp	11667	277.8	1	5	35000
3	5 PPA Hold	7000	166.7	5	5	35000
4	Spacer	112	2.7			
5	Acid	250	6.0			
6	Flush	4457	106.1			

**Total Fluid:** 

665 bbls

Stage 4: Black Shale

.. 1. 4.

Top Perf:

4698 ft

Btm. Perf:

4708 ft

Total Proppant:

60,000 lb

16/30 White

Rate:

30 bpm

Stage		Vol (Gal)	Vol (bbls)	Beg. PPA	End PPA	Prop (lb)
1	Pad	4000	95.2	-		
2	1-5 PPA Ramp	10000	238.1	1	5	30000
3	5 PPA Hold	6000	142.9	5	5	30000
4	Spacer	436	10.4			
5	Acid	250	6.0			
6	Flush	4011	95.5			

Total Fluid:

582 bbls

Stage 5: Douglas Creek

Top Perf:

4238 ft

Btm. Perf:

4262 ft

**Total Proppant:** 

60,000 lb

16/30 White

Rate:

40 bpm

Stage		Vol (Gal)	Vol (bbls)	Beg. PPA	End PPA	Prop (lb)
1	Pad	4000	95.2	_		
2	1-5 PPA Ramp	10000	238.1	1	5	30000
3	5 PPA Hold	6000	142.9	5	5	30000
4	Spacer	308	7.3			
5	Acid	250	6.0			
6	Flush	3679	87.6			

Total Fluid:

571 bbls

Stage 6: Douglas Creek

Top Perf:

3930 ft

Btm. Perf:

4065 ft

Total Proppant:

50,000 lb

16/30 White

Rate: 40 bpm

Stage		Voi (Gal)	Vol (bbls)	Beg. PPA	End PPA	Prop (lb)
1	Pad	3500	83.3	_		
2	1-5 PPA Ramp	8333	198.4	1	5	25000
3	5 PPA Hold	5000	119.0	5	5	25000
4	Spacer	3929	93.5			
5	Acid	0	0.0			
6	Flush	0	0.0			

Total Fluid:

494 bbls

## **STATE OF UTAH**

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL. GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-77326
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: FEDERAL 7-3D-65
2. NAME OF OPERATOR: BERRY PETROLEUM COMPANY	9. API NUMBER: 4301334065
3. ADDRESS OF OPERATOR: 4000 S. 4028 W. CITY Roosevelt STATE UT ZIP 84066 PHONE NUMBER: (435) 722-1325	10. FIELD AND POOL, OR WILDCAT: BRUNDAGE CANYON
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: 1974' FSL, 2027' FEL BHL: 1700' FNL, 1967' FEL	COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 3 T6S R5W	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL
	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON  SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	VENT OR FLARE WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE	OTHER: HISTORY
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	V OTHER: THSTOICT
	es etc
PLEASE SEE THE ATTACHED DRILLING AND COMPLETION HISTORY FOR THE FEDE	ERAL 7-3D-65.
NAME (PLEASE PRINT) JOLENE HOLMES REGULATORY &	& PERMING ASSISTANT
SIGNATURE SIGNATURE DATE 11/11/2008	

(This space for State use only)

**RECEIVED** 

Report for: 10/3/2008

1000	Federal 7-3D-65 Surface Legal Location	Soud D	ate Notice			toto /D			İ	port #: 1, DF: Depth Progre
43013340650000 Spud Date	NWSE Sec 3, T6S-R5	W 10/2/0	)8			tate/Provinc Jtah	ce		AFE Number	Total AFE Amoun
10/8/2008 8:00:00 AM	Rig Release Date 10/14/2008 3:00:00	Ground	Elevation (			B-Ground E	Distance (ft)		C08 032010  Daily Cost	Cum Carrier
Veather	Temperature (°F)	Road Co	6,8	75			14.00		109,142	Cum Cost To Date 109,142
Operations at Report Time		1			l <sub>H</sub>	ole Conditio	on		Daily Mud Cost	Mud Cum To Date
Setting Conductor	_	Operation	ons Next 24	Hours					Depth Start (ftKB)	Depth End (ftKB)
perations Summary Rig Up, Drill 80 Ft of Condu		ריוווועל	g Rat & M	viouse	Holes					
ime Log	Clor								Target Formation	Target Depth (ftKE
Start End Cum	Dur Code								Last Casing String	5,830
Time Dur (hrs) (hrs	S) 1 Operation				Comment				1	
12.00 12.	00 00 Miscellaneous I	R/U & Drill C	onductor	•					Daily Contacts Job Contact	
pe Time	Depth (ftKB) Der	nsity (lb/gal)	Vis (s/qt)		DVO	-1 ( )			JOB Contact	Mobile
el (10s) (lbf/100ft²) Gel (10m) (lbf/1			(0,41)		PV Ove	rride (cp)	YP (lbf/1	00ft²)	Patterson, 778	
ł		er Cake (/32")	рH	· · · · · · · · · · · · · · · · · · ·	Sand (%	5)	Solids (%	)	Contractor Patterson	Rig Number
BT (lb/bbl) Alkalinity (mL/m	nL) Chlorides (mg/L) Cali	cium (mg/L)	Pf (mL/m	L)	Pm (mL)	mL)	Gel (20-	) (lbf/100ft²)	Rig Supervisor	778 Phone Mobile
nole Mud Added (bbl) Mud Li	ost to Hole (bbl) Mud Los	st to Surface (bbl)	ľ			,			- morrithan diri	801-425-5
		to Gunace (DDI)	/  Rese	rve Mud	Volume (bbl	) Active	Mud Volum	e (bbl)	1, Omega Geosc Pump Number   Pwr (i	Durce, D-750 hp) Rod Dia (ir
Run Drill Bit	1. 2	av 1:							1   7	750.0
	Length (f	ft) IADC Bit D	ull		T	FA (incl No	oz) (in²)	BHA RO	Liner Size (in) Stroke	e (in) Vol/Stk OR 7.99
zzles (/32")		String Length (ft)			OD (in)				Pres (psi) Slow Spd	Strokes (s Eff (%)
ng Components						· 			No	
nment									2, Omega Geoso Pump Number Pwr (h	p) Rod Dia (in
									2 7	50.0
	Cum			<del></del>					Liner Size (in) Stroke	
144-DL	Cum Depth Time	nt ROP Q (flow)	400						Pres (psi) Slow Spd	7.99 0.068 Strokes (s Eff (%)
Wellbore Start (ftKB) End	(Augra) (Augra) "	(ft/hr) (gpm)	WOB (10001	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lbf)	Drill Tq	No Mud Additive Am	
									Safety Checks Time Type	Description
									Wellbores	
								] [	Wellbore Name	KO MD (ftKB)
									Original Hole	400
								11		



Report for: 10/4/2008

Report Printed: 11/12/2008

Report #: 2, DFS: -3

A 53/7		ell Nan		deral 7-3													2, DF3: -
43013		0000	Su	rface Legal Loc	ation			te Notice			State/Provir	nce		AFE Numbe	De	pth P	rogress
Spud Da		0000	N B	WSE Sec 3,	T6S-R	5W	10/2/0				Utah			11 -	r 32010	l otal AF	E Amount
10/	8/2008	8:00:00	AM	10/14/2008	3:00:04	0 PM	Ground E	Elevation (			KB-Ground	Distance (ft)		Daily Cost		Cum Cos	st To Date
Weather				mperature (°F)	3.50.00	O 1 191	Road Co		375		Hole O	14.00			259		29,401
Cool 8		-1		. ,	5.0		Rough	- AURION			Hole Condit	ion		Daily Mud C	ost		n To Date
Operatio Riggin	ns at Rej rt I In	port Time					Operation	ns Next 24	4 Hours					Depth Start	(AVD)	D # 5	
Operatio	ns Summ	nary						Surfac						Deput Start	(IIKB)	Depth Er	id (ftKB)
Wait o	n Loca	ition. Mov	e Rig, 95	% Rigged u	p Due t	n One I	ane Po	ad Ha	00d d					Target Form	ation	Target D	epth (ftKB)
all day	to get	hold of R	usty, We	ld Conducto	r, Rig u	ip Floor	ane No	au Op	and d	own cany	on, Wait	on anchors	Tried				5,830
Time L														Last Casing	String		
Start Time	End		Cum Dur			T								<u> </u>			
06:00	11:30		(hrs) 5.50 2	1 Oper	ation	ļ,				Comment				Daily Co			
11:30	18:00				0 7	Wait c	n locati	on, Rat	hole	Rig to Dri	ll Rat hol	e and mou	se hole	Job	Contact		Mobile
		0.00	12.00	01 Rig Up Down	o rear	Move	rig, rig ι	up, 95%	i rigge	ed up	-			Patterso	778		
8:00	21:00	3.00	15.00 2			\Mait o	- A	<del></del> .						Contractor		Rig	Number
	00:00	3.00	18.00		BOP	Weld	on Conc	ors, i rie	ed to d	call Rusty	all day			Patterson			778
00:00	06:00	6.00	24.00			Rigun	Floor	Auctor		hala at		ires, strap		Rig Supervis Allen Mar			ne Mobile
				Down		Fill Mu	d Tank	rveny, n S	louse	noie, stre	ch guy w	rires, strap	BHA,			801	-425-5544
<del></del>										· · · · · · · · · · · · · · · · · · ·		<del></del>		1, Omega Pump Numbe	Pwr (hp)	rce, D-7	od Dia (in)
уре		Time		Depth (ftKB)	D	ensity (lb/	gal)	Vis (s/qt)	)	IPV Ov	erride (cp)	YP (lbf/100	1621	1	750		iou bia (iii)
el (10s)	(lbf/100ft	<sup>2</sup> ) Gel (10m	) (lbf/100f+2	Filtrate (mL/30	min'		-			_	(OP)	1. (101/100	ert J	Liner Size (in	(1.	1) V	ol/Stk OR (b
		- 1		, ir mate (mt/30	onn)  Fi	ilter Cake	(/32")	рН		Sand (	%)	Solids (%)		Pres (psi)	7.9 Slow Spd	19	
IBT (ib/bi	bi)	Alkalinity	(mL/mL)	Chlorides (mg/	L) C	alcium (m	a/L)	Pf (mL/m		- D- ( )				" '	No No	Strokes (s	Eff (%)
/hole Mu	d Δdd	(hh)		1				(	· <b>-</b> )	Pm (mi	umL)	Gel (30m)	(lbf/100ft²)	2, Omega		CO D 7	50
IVIU	- naneg	(100)	Mud Lost to	Hole (bbi)	Mud L	ost to Sur	face (bbl)	Rese	erve Mu	d Volume (bt	ol) Active	Mud Volume	(bbl)	Leninb Manube	Pwr (hp)	90, D-7	od Dia (in)
									<u>-</u>				/	2	750	.0	. ,
t Run Di	ill Bit				Length	(ft) IA	DC Bit Du	di			T			Liner Size (in)	Stroke (in 7.9		O OCO
ozzles (/3	275					, ,	UIL DU	•••			TFA (incl N	loz) (in²) B	HA RO				0.068 Eff (%)
UZZIES (/	)					String L	ength (ft)			OD (ii	n)				No	00 (3.	(70)
tring Con	ponents										,			Mud Addi	ive Amo	inte	
														Descri	ption		nit) Consum
omment																	
			T			т								Safety Ch	ecks		
					Cum Drill							T		Time	Туре	De	scription
Wellbo	re	Start (ftKB)	End /AV*	Cum Depth	Time (hrs)	Int ROP		WOB	RPM		Rot HL	PU HL					
	-	-wir (IIND)	End (ftKE	3) (ft)	(1110)	(ft/hr)	(gpm)	(10001	(rpm)	SPP (psi)	(1000lbf)	(1000lbf)	Drill Tq	Wellbores			
			L	<del></del>	<u></u>					<u></u>				Wellbore i		ко м	D (ftKB)
														Original Ho	le		400.0
													İ	1			
													ľ				
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																	1
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vw.pelc	ton c																



Report for: 10/5/2008

Report #: 3, DFS: -2

AFE Number   Total AFE Amount	43013	A 46		Joi	ırface	Legal Location		Soud	ate Notice						Depth	Pro	gress:
Total   Part		340650	000	N	WSE	E Sec 3, T6S	-R5W			Stat	e/Provinc	e		AFE Number		Total 4	FE Amount
Total Part   Tot				Ri	g Rele	ease Date						_		1 1	2010	. Olai A	L Amount
Temperature ("F")   Road Condition   R	10/	8/2008	B:00:00 A	AM	10/	14/2008 3:00	:00 PM	Ground		KB-	Ground D	Distance (ft)				Cum C	ost To De
Part   Part	Veather				mpera	ature (°F)	.55 1 101	Bood C	0,8/5			14.00			01		
Depth Start (files)				1		- v - /				Hole	Conditio	on		Daily Mud Cos	st -	Mich	140,302
Finish Drilling Surface, Run Casing and Cement			ort Time	<del> 1</del> .											-	iviua Ci	un 10 Date
The log   Common								Cipich	ons Next 24 Hours					Depth Start (fil	KB)	Donit 1	End /Bion
Part   Part	peratio	ns Summa	ıry					HIIST	Dilling Surface	, Run Cas	ing and	Cement				Depth I	
Comment   Comm	vait o	n welde	r, and fal	oricate a	nd ir	nstall flow line	e. Drilling	Trin !	and Out					Target Format	ion	Tarant	
Start   End   Dur (Pris)   Du	ime l	~			yr y5	· Tueter (pales) (by	o, oming	, mp n	and Out						.011	larget	
Time   Time   Dur (trus)   Du	Start			Cum Deal	C	Page 14		<u> </u>					100	Last Casing St	ring	L	3,030
Daily Contacts   Dail	Time		Dur (hrs)	(hrs)				er Trage.				3.14 3.14	Partie of the Control	1	g		
Daily Contacts   Dail	6:00	13:00					147 14			Comment							·
2-30   00:00   1.50   18.00   05   17ips   Trip out, Checked everything out, Tripped back in   Trip out, Checked everything out, Tripped back in   Trip out, Checked everything out, Tripped back in   Trips   Trip out, Checked everything out, Tripped back in   Trips   Trip out, Checked everything out, Tripped back in   Trips	3:00						vvait	on Wel	der, fabricate an	d install flo	w line		<u> </u>	Daily Cont	acts	<u> </u>	
Patterson					_		יחוווחסו	g 80-2:	33					Job C	ontact		Mobile
Contractor   Patterson   Rig Number   Processing   Reserve Mud Volume (bb)   Active Mud Volume (bb)   No   Processing							Trip o	ut, Che	cked everything	out. Tripp	ed back	k in					
Patterson   Patt							i veaiii	eu 30 1	t to bottom	,				Patterson,	778		
Patter   Time	0.00	00.00	5.50	24.00	)2	Drilling	Drilling	q 233-3	306							Rig	Number
Allen Martin   Society   PV Override (cp)   VP (ibf/100ft*)   Vis (s/qt)   PV Override (cp)   VP (ibf/100ft*)							5 1 5 E C			2 43 5 3 3 3 3				Patterson		1	778
(10s) (lbb/100ft²)   Gel (10m) (lbb/100ft²)   Filtrate (mL/30min)   Filter Cake (/32²)   pH   Sand (%)   Solids (%)     Tr (lb/bbl)	pe		Time		Dep	oth (ftKB)	Density (Ib	/gal)	Vis (s/ot)	Imvo	*		Contract to the contract of				
Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   PH   Sand (%)   Solids (%)   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Filter Cake (/32")   Filter Cake (/32")   Ph   Sand (%)   Solids (%)   Filter Cake (/32")   Filter Cak	d (40-)	(Ib4/40000	-					J-::/	(S/QL)	PV Overrid	e (cp)	YP (lbf/10)	Oft²)			80	1-425-55
Solids (%) Alkalinity (mL/mL) Chlorides (mg/L) Calcium (mg/L) Pf (mL/mL) Pf (	# ( IUS)	(יזמו) די אנטוי) (אוי	Gel (10m)	(lbf/100ft <sup>2</sup>	) Filtra	ate (mL/30min)	Filter Cake	(/32")	DH H	0			1	1, Omega (	Geosoui	rce D	-750
Alkalinity (mL/mL)			J		1			,		Sand (%)		Solids (%)		rump Number	Pwr (hp)		Rod Dia (in)
Composition   Continue   Contin	ום/טו) וכ	01)	Alkalinity (	(mL/mL)	Chio	orides (mg/L)	Calcium (m	10/L)	Pf (ml /ml )	D 7 7 7			ļ			0.0	, ,
Mud Lost to Hole (bbl)  Mud Lost to Surface (bbl)  Mud Lost to Surface (bbl)  Mud Lost to Surface (bbl)  Reserve Mud Volume (bbl)  Active Mud Volume (bbl)  Active Mud Volume (bbl)  Pres (psi)  Slow Spd No  2, Omega Geosource, D-750  17.4  20/20/20/20/20/20/20/20/20/20  String Length (ft) 20/20/20/20/20/20/20/20/20  String Length (ft) 306.72  String Length (ft) 306.72  String Length (ft) 306.72  String Length (ft) 306.72  BABHA RO 2.76  17.4  Length (ft) 306.72  String Length (ft) 306.72  BABHA RO 2.76  17.4  Length (ft) 306.72  String Length (ft) 2.750.0  Length (ft) 306.72  String Length (ft) 306.72  String Length (ft) 306.72  BABHA RO 2.76  17.4  Length (ft) 306.72  String Length (ft) 2.750.0  Length (ft) 306.72  String Length (ft) 306.72  String Length (ft) 306.72  BABHA RO 2.76  TFA (incl Noz) (in**) 3.66  TA.4  Length (ft) 306.72  String Length (ft) 306.72  BABHA RO 2.76  TA.4  Length (ft) 306.72  Length (ft) 306.72  String Length (	olo 14	# ### 7 TH	1					J-,	, (monit)	irm (mL/mL	-)	Gel (30m)	(lbf/100ft²)	Liner Size (in)	Stroke (in	1)	Vol/Stk OR (
A #1, Rotary Drop	Versither   Vers																
No					_	1	541	(00)	, Loseive Mud /	oume (bbi)	Active N	Mud Volume	(bbl)	Pres (psi) Slo	w Spd	Strokes (	s Eff (%)
Length (ft)   IADC Bit Dull   TFA (incl Noz) (in²)   BHA RO   2.76   17.4   12.1/4in, HA20TC, F05889   String Length (ft)   306.72   8.000   Stroke (in)   5750.0   Color (in²)   Stroke (in)   5750.0   Color (in²)   Color	IA #1	, Rotar	y Drop		erina erina. Tabli	Y The Section			45 70 J. 18 8 51 12				}		No		1
String Length (ft)   String Length (ft)   String Length (ft)   String Length (ft)   Stroke (in)						Len	gth (ft)	ADC Bit D	uil			9 / 6	The Same of the	2, Omega G	eosour	ce D-	750
String Length (ft)   String Length (ft)   String Length (ft)   String Length (ft)   Stroke (ft)	ı Ti	2 1/4in,	HA20TC	, F05889	9	""	- ` "			TFA			HA RO	rump Number	Pwr (hp)		Rod Dia (in)
The components of the control of the	∠zies (/3						String I	enath (#1			2.76	6	17.4	2	750.	.0	- ()
JZ Rock Bit HA20TC, Bit Sub, Shock Sub, Drill Collar, XO Sub, Drill Collar, HWDP, XO Sub, Drill Pipe, Kelly    Start (fixB)   End (fixB)   End (fixB)   End (fixB)   (fi)   (fixhr)   (gpm)   (10001 (rpm)   SPP (psi)   (10001	na 0	20/2	20/20/20/	20/20/2	0/20/	/20				OD (in)							Vol/Stk OR (
Melibore Start (fix8) End (fix8) (fix) (fi	ig Com	Donents							700.12		8.	.000	11		7.99		
Wellbore Start (fixB) End (fixB) (fix) (fixb	JZ K	OCK BIT	HAZUTC	Bit Sub	, Sh	ock Sub, Dril	Collar >	(O Sub	Drill College Line	VDD V~ -				Pres (psi) Slov	w Spd S	trokes (s	s Eff (%)
Wellbore Start (fixB) End (fixB) (fix) (fixb	ment								, Jili Collai, AV	VUP, XUS	uo, Dril	II Pipe, Ke	elly 📋	L	No		1 , ,
Time Type Description  Wellbores  Wellbore Name KO MD (RKB)		1				Um Depth Time	Int ROP	Q (flow)	WOB RPM		tot HL	Pile	Ne.		Survey and Control of the	Cost (/u	ınit) Consur
Original Hadron KO MD (RKB)			tart (ftKB) 80.0		)		1,0117	(35)	(10001 (rpm) S				Street I	Safety Chec	ks :		S. Marian
Crigital Hole 40			tert (ftKB) 80.0		)		1,0117	(SP)					Street I	Safety Chec	ks Type		Description
			tert (ftKB) 80.0		)		1,0117	(35)					Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)
			Eart (fiKB) 80.0		)		1,0117	(SF.III)					Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			Eart (fiKB) 80.0		)		1,0117	(SF,))					Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			BO.0		)		1,0117	Geny					Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			80.0		)		1,0117	Geny					Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)
			80.0		)		1,0117	G					Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ent (fikB) 80.0		)		1,0117	Gent					Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			en (fiks) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (fik(B) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (RKB) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (fiks) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (fik(B) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (fik(B) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (fiks) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)
			80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (fikB) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (RKB)
			ant (fik(B) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)
			ant (fik(B) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)
			ant (fik(s) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)
11			ant (fik(B) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)
			ant (fik(B) 80.0		)		1,0117						Dall To	Wellbores Wellbore Nar	Type		AD (ftKB)

Report for: 10/6/2008

API/UW				ede Surface	Legal Location		Caud D	-4- 11-11					Dep	th Progr	ess: 4
43013 Spud Da	340650	000	!	WS	E Sec 3, T6S	-R5W	10/2/0	-		State/Province Utah	e	AFE Number C08 03		Total AFE A	mount
		8:00:00	AM		ease Date 14/2008 3:00	DIA	Ground	Elevation (ftKB)		KB-Ground D	istance (ft)	Daily Cost	20.0	Cum Cost To	o Dato
Veather				emper	rature (°F)	.00 PIVI	D 4 G	6,875			14.00	47,8	26		,128
				po.	alaro ( 1 )		Rougi	ondition		Hole Conditio	n	Daily Mud Co		Mud Cum To	
peratio	ns at Rep	ort Time						ons Next 24 Hou				2,7			723
	g BOP						Operation	JIIS NEXT 24 FIOL	irs			Depth Start (f		Depth End (f	ftKB)
peratio	ns Summa	ту					Ь					30		35	50
אוווועל	, Trippi	ng, Run	Casing,	Cerr	ent, Cut off	asing an	d welld	well head or	n. nipple ui	o. Test BOI	Þ	Target Forma	tion	Target Depth	
ime i	Log							er je gjin	1 5 5	.,	The second second second	Last Casing S	trina	5,8	330
Start Time	End Time	Dur (hrs)	Cum Dur (hrs)	Code 1								Surface, 3	34ftKB		
6:00	09:30	3.50	3.50		Operation Drilling	D-# 0	000 050	<u> </u>	Commen	1	<u>. 1 - 1</u>	Daily Con	in a second		
9:30	10:00	0.50	4.00		Condition M	Drill 3	306-350						Contact		Aobile
					& Circulate	luu Cona	ition Ho	ole						N	MODILE
0:00	12:00	2.00	6.00	06	Trips	Trip o	ut I D	DP, 6" collar	o Off called			Patterson	778		
12:00	13:30	1.50	7.50	12	Run Casing	& Run 8	joints	of 8 5/8, 24,	J-55 casin	s a		Contractor Patterson		Rig Nun	
3:30	15:00	ļ.,			Cement					_		Rig Supervisor		Phone N	778
3.30	15:00	1.50	9.00	12	Run Casing Cement	& Ceme	nt with	fuli returns,	8 bbls cem	ent back		Allen Marti	n	801-4	25-554
5:00	20:00	5.00	14.00	13	Wait on	) voit o						1, Omega	Geosou	rce, D-750	) A. J. y
					Cement	Wait	n ceme	nt to set up				Pump Number		0.0 Rod	Dia (in)
0:00	22:00	2.00	16.00	22	NA	cut of	condu	ctor, weld or	wollbood			Liner Size (in)	Stroke (		Stk OR (b
2:00	04:00	6.00	22.00	14	NU/ND BOP	compl	ete NU	on BOP	weililead			]		99	
	06:00	2.00		15	Test BOP	Test E		OIT BOT			·	Pres (psi) S	ow Spd	Strokes (s E	Eff (%)
<u>,330.0</u>	ftKB, 1	0/6/2008	06:00				841 47		of, a for p	4.000	· -, -, -, -, -, -, -, -, -, -, -, -, -,		No		
<sub>rpe</sub> /ater E		Time		Dep	oth (ftKB)	Density (lb.	/gal)	Vis (s/qt)	PV Ov	erride (cp)	YP (lbf/100ft²)	2, Omega Pump Number	Geosou		
ol (10s)	/lbf/10062\	Gal (10a)	3:00		1,330.0 ate (mL/30min)	8.8		50	, , ,	5.0	15.000	2	Pwr (hp) 750		Dia (in)
6.0	000	12	) (101710011) .000	*)  +:Iltr	ate (mL/30min)	Filter Cake	(/32")	рH	Sand (	%)	Solids (%)	Liner Size (in)	Stroke (i	-	tk OR (b.
3T (lb/bl		Alkalinity		Chle	orides (mg/L)	Coloium (m	-05	9.0			4.0	6	7.9	-	0.068
ole Mu	d Added (t		·		6,000.000	Calcium (m	· ,	Pf (mL/mL)	Pm (m	L/mL)	Gel (30m) (lbf/100ft²	Pres (psi) Si	W Spd	Strokes (s E	
IOIE IVIU	u Added (t	ון (וסכ	Mud Lost to	Hole	(bbi) Mu	Lost to Sur	face (bbl)	Reserve M	lud Volume (b	bl) Active N	Mud Volume (bbi)	Mud Additi			. }
HA #1	, Rotar	y Drop	43 A			13.414.5						Descrip	ion	Cost (/unit)	Consum
Run D	rill Bit					gth (ft) 1/	NDC Bit Di	<u></u>		17F 4 (1)		LIME		8.94	12.
1 1	2 1/4in,	HA20TC	, F0588	9		, ,				TFA (incl No. 2.76	<u> </u>	Wraps and	Pallets	21.59	32.
zzies (/3		20/20/00	1001001			String L	ength (ft)		OD (i		6 17.4	Super Gel		† <del>  </del>	144.
ina Com	ponents	20/20/20	120/20/2	20/20	/20		3	06.72	(	•	000	Sea mud		10.13	190.
JZ F	lock Bit	HAZOTO	Rit Su	h Ch	ook Sub Det				<del></del>					अर्थ पुरुष है।	74.7 .4.
nment			, Dit Gu	D, 31	ock Sub, Dri	i Collar, )	KO Sub	, Drill Collar,	HWDP, X	O Sub, Dri	ll Pipe, Kelly	Safety Che	Type	Descr	iption
,			H. J	- 1	Cur	n I	<del></del>	· · · · · · · · · · · · · · · · · · ·				10. 17 \$250, 47 400	-v 18.0e		
		and the			Drii	1 1				1		Wellbores			
Wellbo	re s	tart (ftKB)	End (ftK	C	Cum Depth Tim (ft) (hrs	, Inches		1		Rot HL	PUHL	Wellbore Na	me	KO MD (fi	IKB)
iginal		306.0	35		(ft) (fins		(gpm)	(1000i (rpm	) SPP (psi)	(1000lbf)	(1000lbf) Drill Ta	Original Hole	• T		400.0

Report for: 10/7/2008

API/UWI 430133				Surfa	eral 7-3D-6		Spud Date Notice	State/Pr	Ovince			Dep	th Progres
Spud Date	е		i	NVV:	SE Sec 3, T69	S-R5W	10/2/08	Utah	ovince		AFE Number C08 03		Total AFE Amount
10/8/	/2008	8:00:00	AM	10	0/14/2008 3:0	0:00 PM	Ground Elevation (ftKB)	KB-Grou	ind Distance (ft)	<del></del>	Daily Cost	2010	Cum Cont T. D.
Weather				Temp	erature (°F)		6,875 Road Condition	Hole Cor	14.00		34,4		Cum Cost To Date 230,533
Operations	s at Repo	ort Time					Rough		naition		Daily Mud Cos		Mud Cum To Date
Drilling							Operations Next 24 Hour	s			Depth Start (ft)		3,213
Operations	s Summa	ary					Drilling Ahead				350		Depth End (ftKB) 350
Test BO	JP, Insi	tall wear	bushin	g, tri	ips, clean cen	nent from	shaker manifold, dril	l cement wait on			Target Format		Target Depth (ftKB)
Time Lo			to a first of the control of	4 4	The second of th			. coment, wait on	water	92° ar -	1		5,830
Time	End 7	Dur (hrs)	Cum Du (hrs)	r Cod	le						Last Casing St Surface, 33	ring RAHKD	
	07:00	1.00				test b		Comment			10 to 10 to		
	09:00	2.00	3.00	22	NA			A 51			Daily Cont	acts	
	11:30	2.50	5.50		Trips	Pick	wear ring strap BH/	A, Dir Work			Don Braithy	vaite	435-724-07
	13:30	2.00	7.50		NA		out cement from flo	w line man 's 11			Patterson,		133-724-07
3:30 1	14:30	1.00	8.50	21	Drill Out	Urill o	ut cement	w line manifold			Contractor		Rig Number
4:30 1	17:30	200			Cement/Ref	t					Patterson Rig Supervisor		778
	18:00	3.00 0.50	11.50		Trips	Trip fo	r Plugged String				Allen Martin	1	Phone Mobile
	2.00	0.50	12.00	21	Drill Out Cement/Ret	Drilling	Cement				1, Omega C		801-425-55
8:00 1	9:00	1.00	13.00	0e						1	Pump Number	Pwr (hp)	Rod Dia (in)
9:00 2:	2:00	3.00	16.00		Trips NA	Trip ou	ut to clean mud tank	s			1	750.	0
	4:00	6.00	22.00		Trips	Clean	pits				Liner Size (in)	Stroke (in)	
1:00 06	6:00		24.00		Drill Out	Trip in					Pres (psi) Slo	7.99 w Spd   S	9 ∣
		1		'	Cement/Ret.	Bulliun	Cement				(20.)	No S	trokes (s Eff (%)
0.0ftKE	B, 10/7	7/2008 0	B:00	24.5. T						1	2, Omega G	90Sourc	e D-750
e L Wate		Time		De	pth (ftKB)	Density (ib/g	gal) Vis (s/qt)	(BV C			rump Number	Pwr (hp)	Rod Dia (in)
(10s) (lbf.	f/100ft²)	Gel (10m)	:00	21	350.0 rate (mL/30min)	8.4	0 \ ```27	PV Override (cp)			2 Liner Size (in)	750.0	0   0
2.000	0	3.0	(1817100ft <b>300</b>	-) [Filti	rate (mL/30min)	Filter Cake (	(/32*) pH	Sand (%)	1.00 Solids (%)	U	6	Stroke (in) 7.99	Vol/Stk OR (I
T (lb/bbl)				1		1		· · · · ·	Conus (76)	1.1	1	7.55	
		Alkalinity (	mL/mL)	Chli	orides (ma/l )	Calcium /	10.5		1.0	11	Pres (psi) Slov	v Spd St	rokes (s. F# /0/1
olo Maria	i	İ		ļ	orides (mg/L) 4,000.000	Calcium (mg	10.5 Pf (mL/mL)	Pm (mL/mL)	1.0 Gel (30m) (lb		. , , , , , , , , , , , , , , , , , , ,	V Spd Sti	rokes (s Eff (%)
ole Mud Ad	i	İ	mL/mL) ud Lost to	ļ	4,000.000	Calcium (mg	)/L) Pf (mL/mL)		Gel (30m) (li	f/100ft²)	Mud Additiv	No Amou	rokes (s Eff (%)
	Added (bi	bl) M	ud Lost to	Hole	4,000.000		)/L) Pf (mL/mL)			f/100ft²) bi)	Mud Additiv	No <b>e Amo</b> u	nts Cost (/unit)   Consur
	Added (bb	bl) M		Hole	4,000.000 (bbl) Muc	Lost to Surfa	p/L) Pf (mL/mL) ace (bbl) Reserve Mud	d Volume (bbl) Activ	Gel (30m) (lib	f/100ft²) bi)	Mud Additiv	No <b>e Amo</b> u	nts Cost (/unit)   Consur
Run Drill B	Added (bb	bl) M	ud Lost to	Hole	4,000.000 (bbl) Muc	Lost to Surfa	pf (mL/mL)  ace (bbl) Reserve Muc		Gel (30m) (it	f/100ft²) bi)	Mud Additiv Descriptio Dyna-Drill	No <b>9 Amou</b> l	nts Cost (/unit)   Consur
Run Drill B	Added (bb	bl) M	ud Lost to	Hole	4,000.000 (bbl) Muc	Lost to Surfa	p(L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Duli	d Volume (bbi) Activ	Gel (30m) (it	f/100ft²) bi)	Mud Additiv Description Dyna-Drill Safety Check	No <b>9 Amou</b> l	nts Cost (/unit)   Consur
Run Drill B	Added (bb	bl) M	ud Lost to	Hole	4,000.000 (bbl) Muc	Lost to Surfa	p(L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Duli	d Volume (bbl) Activ	Gel (30m) (it	f/100ft²) bi)	Mud Additiv Description Dyna-Drill Safety Check	No <b>9 Amou</b> in To	nts Cost (/unit)   Consur 122.50 4
Run Drill B zies (/32*) g Compon	Added (bb	bl) M	ud Lost to	Hole	4,000.000 (bbl) Muc	Lost to Surfa	p(L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Duli	d Volume (bbi) Activ	Gel (30m) (it	bl)	Mud Additiv  Description Dyna-Drill  Safety Check Time T	No e Amou n	nts Cost (/unit) Consur
Run Drill B zies (/32*) g Compon	Added (bb	bl) M	ud Lost to	Hole	4,000.000 (bbl) Muc	Lost to Surfa	p(L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Duli	d Volume (bbi) Activ	Gel (30m) (it	bi)	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consult   122.50   4
Run Drill B zies (/32*) g Compon ment	Bit	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc	Lost to Surfa	p(L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Duli	d Volume (bbi) Activ	Gel (30m) (it	bi)	Mud Additiv  Description Dyna-Drill  Safety Check Time T	No e Amou n	nts. Cost (/unit)   Consult   Description   KO MD (RKB)
Run Drill B zies (/32*) g Compon	Bit	bl) M	ud Lost to	Hole	4,000.000 (bbl) Muc	th (ft) IAC	p(L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Duli	d Volume (bbi) Activ	Gel (30m) (it	bi)	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
tun Drill B cles (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL	p(L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BHA	bi)	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
tun Drili B des (/32*) g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc	th (ft) IAL	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
un Drill B les (/32*) g Compon nent	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BHA	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
un Drill B les (/32*) g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
tun Drili B cles (/32*) g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
un Drill B les (/32*) g Compon nent	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
tun Drili B cles (/32*) g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
tun Drili B cles (/32*) g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consu 122.50   Z
tun Drili B cles (/32*) g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consu 122.50   Z
tun Drili B cles (/32*) g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consu 122.50   Z
kun Drill B zies (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
kun Drill B zies (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
kun Drill B zies (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
Run Drill B zies (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
Run Drill B zies (/32*) g Compon	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
Run Drill B zies (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
Run Drill B zies (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
kun Drill B zies (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consur 122.50   4
tun Drill B cles (/32") g Compon ment	Bit ) nents	bi) M	ud Lost to	Hole	4,000.000 (bbl) Muc Leng Cum Drill Lum Depth Time	th (ft) IAL String Le	A/L) Pf (mL/mL)  ace (bbl) Reserve Muc  DC Bit Dull  ngth (ft)  Q (flow) WOB RPM	TFA (incl	Gel (30m) (iii ve Mud Volume (b Noz) (in²) BH/	#/100ft <sup>2</sup> ) bi) \RO	Mud Additiv Descriptio Dyna-Drill Safety Checl Time T Wellbores Wellbore Nam	No e Amou n	nts. Cost (/unit)   Consum 122.50   4

Report for: 10/8/2008

4301; Spud D 10 Weather	2240CE0		,	ъипас	e Legal Location		Spud Date Notice				Depth	Progress: 6
10		000		NWS	SE Sec 3, T6S-F		10/2/08	State/Provi Utah	nce	AFE Number		Total AFE Amount
Weatho	/8/2008	8:00:00	AM	rig Re 10	elease Date 0/14/2008 3:00:0	O PM	Ground Elevation (ftKB)		Distance (ft)	C08 0	32010	
Cool	er			Tempe	erature (°F)		6,875 Road Condition	Hole Condi	14.00	35,	184	Cum Cost To Date 265,717
Operation	ons at Repo	ort Time			40.0		Rough	Good	แอก	Daily Mud Co		Mud Cum To Date
Drillin	g @ 987	•				]	Operations Next 24 Hours Drilling Ahead			Depth Start (i		3,863 Depth End (ftKB)
Drillin	ons Summa g, Wait &	ary & repair	Flowling	. Tr÷	p in Hole, Drill,					_∐ 35	0	987
Time	Loa			e, 111	p iii noie, Dhill,	Urient to	ol, Surveys			Target Forma	uon T	arget Depth (ftKB) 5,830
Start Time	End Time		Cum Du	Code	e	T				Last Casing S	String	3,830
06:00		Dur (hrs)		21	Operation Drill Out			Comment		Surface, 3		
				-'	Cement/Ret	Drilling	Cement, Float @ 30	7, Shoe @ 350		Daily Con	tacts Contact	No.
08:00 11:00	11:00 13:00	3.00			Drilling	Drilling	Formation 350 - 496			Don Braith	waite	Mobile 435-724-075
13:00	13:30	2.00 0.50			NA	Rrpair t	low line			Patterson Contractor	, 778	
13:30	00:30	11.00			Drilling NA	Drilling	496 - 498			Patterson		Rig Number 778
					1	Choke.	as Kick, Blew Flow I	ne to pieces, Shu	t well in went thru	Rig Supervisor	r	Phone Mobile
00:30	04.00		<del></del> -			pipe in	this time, repaired flo	White Went had		Allen Marti		801-425-554
JU.3U	01:00	0.50	19.00	05	Condition Mud	Back to	bottom, Kelly up, Br	eak circ	. to Drining	1, Omega Pump Number	Pwr (hp)	Rod Dia (in)
01:00	05:30	4.50	23.50	02	& Circulate Drilling					] 1	750.0	)
5:30	06:00	0.50	24.00		Directional	Orient to	498 - 987 pol, Surveys			Liner Size (in)	Stroke (in) 7.99	Voi/Stk OR (b.
00.00					Work	J. ICITE (	ou, ourveys			Pres (psi) Si	low Spd Str	okes (s Eff (%)
ype	KB, 10/8	3/2008 0	6:00	In.	oth (#KP)			er Frijstjeren i .	The proof to the control	2 00000	No	
CL W	ater	ne	6:00	- (		ensity (lb/ga 8.40		PV Override (cp)	YP (lbf/100ft²)	2, Omega ( Pump Number	Pwr (hp)	<b>9, D-750</b> Rod Dia (in)
ા (૧૦૬) 2.0	(lbf/100ft²) 000	Gel (10m	) (lbf/100fi 000	²) Filtr	498.0 rate (mL/30min) Fi	Iter Cake (/3		1.0 Sand (%)	1.000 Solids (%)	2 Liner Size (in)	750.0	
BT (lb/bl		Alkalinity		Chle	orides (mg/L) C	alcium (mg/l	8.0		1.0	6	Stroke (in) 7.99	Vol/Stk OR (b 0.068
hole Ff	d Added (b	0.	100 Mud Lost t	- 1	4.000.000	sism (mg/)	-) Pf (mL/mL)	Pm (mL/mL)	Gel (30m) (lbf/100ft²)	Pres (psi) Sid		okes (s Eff (%)
ing Com	ponents	16/16/1				String Len	5,519.47	OD (in) 30	7 087	Sea mud Safety Chec		10.13 40.0  Description
mment	iitn Mi61	o, Mud	Motor, I	loat	Sub, UHBO, N	MDC, NN	MDC, Drill Collar, HW	/DP, XO Sub, Dril	l Pipe, Kelly	Wellbores.		→ suipion
						_					<u>-                                     </u>	
					Cum			18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Original Hole	me	KO MD (ftKB)
Weilbo		art (ftKB)	End (fik	В)	Drill Zum Depth Time	int ROP C		Rot HL	PITHI I	Original Hole	ime	KO MD (fiKB) 400.0
		ert (ftKB) 350.0	End (fitk 98	B)	Drill Zum Depth Time	Int ROP (1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/		Rot HL (1000lbr) 700.0 53		Original Hole	ime .	
				B)	Cum Depth Time (ft) (hrs)	(ft/hr)	gpm) (1000i (rpm)	SPP (psi) (1000lbf)	PU HL (1000lbf) Drill Tq	Original Hole	me est	
				B)	Cum Depth Time (ft) (hrs)	(ft/hr)	gpm) (1000i (rpm)	SPP (psi) (1000lbf)	PU HL (1000lbf) Drill Tq	Original Hole	me en	
				B)	Cum Depth Time (ft) (hrs)	(ft/hr)	gpm) (1000i (rpm)	SPP (psi) (1000lbf)	PU HL (1000lbf) Drill Tq	Original Hole	ime and in	
				B)	Cum Depth Time (ft) (hrs)	(ft/hr)	gpm) (1000i (rpm)	SPP (psi) (1000lbf)	PU HL (1000lbf) Drill Tq	Original Hole	ime en e	
Wellbo				B)	Cum Depth Time (ft) (hrs)	(ft/hr)	gpm) (1000i (rpm)	SPP (psi) (1000lbf)	PU HL (1000lbf) Drill Tq	Original Hole		

Report for: 10/9/2008

API/UWI		Su	deral 7-3D-	n	Spud Date	Notice		T=			D		ort #: ` Progre	
430133406500 Spud Date	000	N\	VSE Sec 3, Te	6S-R5W	10/2/08		_	State/Province Utah	ce		AFE Number		Total AFE	Amount
Spud Date 10/8/2008 8	8:00:00	Rig	Release Date			evation (ftKB)		KB-Ground E	Distance (#)	_	C08 032	2010	1	
Veather	00.007		10/14/2008 3: nperature (°F)	00:00 PM	Road Cond	6,875			14.00		Daily Cost 30,70	)1	Cum Cos	To Date 6,418
Cool			40.0		Rough	טונוסח		Hole Condition	on	$\neg$	Daily Mud Cost		Mud Cum	To Date
perations at Report Prilling @ 2747	7				Operations	Next 24 Hours		3000		_	681		<u> </u>	,544
perations Summar	ITV				Drilling /	Ahead					Depth Start (ftK 987		Depth End	(ftKB) .747
Orilling, Orient	tool, Rig	service,	Surveys							$\neg$	Target Formation		Target De	
ime Log		gira (1935) <u>18 Ge</u> rta (1864)	V. W. H. H.	9. 3. 3	7.0	A Transaction				_	Leet Comme			,830
Start End Time Time	Dur (hrs)	Cum Dur (	ode								Last Casing Stri Surface, 33	ing 4ffKP		
6:00  15:30	9.50	9.50			00 007 4	740	Comment			?	28 N 10 8 2 4 - 1 8 1 8 2		<u> </u>	-
5:30 16:00	0.50	10.00 0	7 Lubricate	Rig Ria se	ng 987 - 1 ervice. Fu	740 nction Test P	line D				Daily Conta	ontact		Mobile
6:00 17:00	1.00	11.00 0	2 Drilling	Drillin	ng 1740 - 1	1835	ipe Ran	ns			Don Braithw	/aite	435	724-07
7:00 18:00	1.00	12.00 2	0 Directiona	l Orien	it tool, Sur	vevs				_]	Patterson,	778		
8:00 05:00	14.00	20.00	Work			-				- [ ]	Contractor Patterson		Rig N	umber
5:00 05:00	11.00	23.00 0 24.00 2		Drillin	ng 1835 - 2	2747					Rig Supervisor		Dhor	778 Mobile
50.00	1.00	24.00 2	Directiona Work	J Orient	it tool, Sur	veys					Allen Martin			: Mobile 425-554
500.0ftKB, 10	0/9/2002	06-00	**OIK							15	1, Omega G	eosou	rce. D-7	0
pe	Time		Depth (ftKB)	Density (ib.	n/gal)	Go (al-D)	v.	1		- $ $ [	Pump Number	Pwr (hp)	Ro	d Dia (in)
CL Water	06	8:00	1 500 0	_	o/gai)   v .40	/is (s/qt) 27	PV Ov	erride (cp)	YP (lbf/100ft²)	4	1 Liner Size (in)	750 Stroke (in	0.0	
(10s) (lbf/100ft²) 2.000	Gel (10m	(lbf/100ft²)	Filtrate (mL/30min	) Filter Cake		H 21	Sand (	1.0 %)	1.000	41		Stroke (in		/Stk OR (b
	Alkalinity	000 (mL/mL)	Chlorides (mg/L)			11.5	'	•	Solids (%) 1.0	F	Pres (psi) Slov		Strokes (s	Eff (%)
	0.5	500	11,000.000	Calcium (m	ng/L) P	f (mL/mL)	Pm (ml	L/mL)	Gel (30m) (lbf/100f	12)		No		
ole Mud Added (bl		fud Lost to I		Mud Lost to Sur	Irface (bbl)	Reserve Mud	Value	. 6		1 2	2, Omega Go Dump Number	eosour		
A #2 54					(001)	reserve Mud	volume (bb	OI) Active I	Mud Volume (bbl)	7	2 2	Pwr (hp) 750		Dia (in)
A #2, Steeral	Die	15 m (4) 16 ft		10 B 10 B 2						11		750	-	011 000 11
Kun Junii Bit									A PROPERTY OF THE PARK		iner Size (in)	Stroke (in	) Vol	SIK OP 15
					ADC Bit Dull			TFA (incl No.	z) (in²) BHA RO	41	6	Stroke (in 7.9	9	0.068
2 7 7/8in, M	ll616, JY	3567	L	ength (ft)				TFA (incl No.		41	6 Pres (psi) Slow	7.9 Spd S		0.068
zzles (/32")	ll616, JY		L	ength (ft)	Length (ft)		OD (ir	1.18 n)	8 62.7	P	6 Pres (psi) Slow	7.9 Spd   S No	9 Strokes (s	Stk OR (b. 0.068 Eff (%)
7 7/8in, M	11616, JY 16/16/1	'3567 6/16/16/1	6	String L	Length (ft) 5,51	9.47	OD (ir	1.18 n)	8 62.7 7.087	P	6 Pres (psi) Slow	7.9 Spd S No	9 Strokes (s	0.068 Eff (%)
7 7/8in, M	11616, JY 16/16/1	'3567 6/16/16/1	6	String L	Length (ft) 5,51	9.47	OD (ir	1.18 n)	8 62.7 7.087	P	6 Pres (psi) Slow  Mud Additive  Descriptio	7.9 Spd S No	9 Strokes (s Ints Cost (/unit	0.068 Eff (%)
7 7/8in, M	11616, JY 16/16/1	'3567 6/16/16/1	L	String L	Length (ft) 5,51	9.47	OD (ir	1.18 n)	8 62.7 7.087	P	6 Pres (psi) Slow  Mud Additive  Description  Numinum	7.9 Spd S No	9 Strokes (s	0.068 Eff (%)
7 7/8in, M	11616, JY 16/16/1	'3567 6/16/16/1	6 pat Sub, UHBO	String L	Length (ft) 5,51	9.47	OD (ir	1.18 n)	8 62.7 7.087	P N A	6 Pres (psi) Slow  Mud Additive  Descriptio	7.9 Spd S No	9 Gtrokes (s Ints Cost (/unit	0.068 Eff (%)
7 7/8in, M	11616, JY 16/16/1	'3567 6/16/16/1	6 pat Sub, UHBC	String L  O, NMDC, N	Length (ft) 5,51 NMDC, Dr	9.47 ill Collar, HW	OD (ir	1.18 n)	8 62.7 7.087	P N A T	6 Pres (psi) Slow  Mud Additive  Description  Numinum  ristearate	7.9 Spd S No	9 Strokes (s  Ints Cost (funit 69.83	0.068 Eff (%) Consum 3 1.
2 7 7/8in, Mizzles (/32") ng Components Smith MI61	11616, JY 16/16/1	'3567 6/16/16/1	6  pat Sub, UHB(	String L  O, NMDC, N  Dum  July line Int ROP	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (ir	1.1(n) 307 Sub, Drill	8 62.7 7.087	A T L S	6 Pres (psi) Slow  Mud Additive  Description  Numinum  ristearate	7.9 Spd S No	9 Strokes (s  unts Cost (/unit 69.83	0.068 Eff (%) Consum 1. 7. 3 30.
7 7/8in, Mizzles (/32")  ng Components Smith MI61	11616, JY 16/16/1 6, Mud	′3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fres (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill	7.9 r Spd S No S 8 Amou	9 Strokes (s  Ints Cost (funit 69.83	0.068 Eff (%)    Consum   1.   7.   30.
7 7/8in, Mizzles (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Cum  Orill  ime  Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (ir	1.1(n) 307 Sub, Drill	8 62.7 7.087 Pipe, Kelly	AT LSD	fres (psi) Slow  Mud Additive  Description  Unuminum  ristearate  IME  Gea mud  Tyna-Drill  afety Check	7.9 r Spd S No S 8 Amou	9 Strokes (s  unts Cost (/unit 69.83	0.068 Eff (%)    Consum   1.   7.   30.
7 7/8in, Mizies (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	AT LSD	fres (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill	7.9 r Spd S No S 8 Amou	9   Strokes (s  unts Cost (/unit 69.8: 8.94 10.13 122.50	0.068 Eff (%) Consum 1. 7. 3 30.
7 7/8in, Mizies (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	N A T L S D D S S	Independent of the control of the co	7.9 r Spd S No S 8 Amou	9   Strokes (s  unts Cost (/unit 69.8: 8.94 10.13 122.50	0.068 Eff (%) Consum 1. 7. 3. 30.
2 7 7/8in, Mizles (/32*)  og Components Smith MI61  ment  Wellbore Ste	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	N A T L S D D S S	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  afety Check  Ty  fellbores	7.9 / Spd   S No   S 8 Amou	9   Strokes (s  unts Cost (/unit 69.8: 8.94 10.13 122.50	0.068 Eff (%) Consum 1. 7. 3. 30.
2 7 7/8in, Mizles (/32*)  og Components Smith MI61  ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9   Strokes (s  unts Cost (/unit 69.8: 8.94 10.13 122.50	0.068 Eff (%) Consum 1. 7. 30. 2.
2 7 7/8in, Mizles (/32*)  og Components Smith MI61  ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  afety Check  Ty  fellbores	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
2 7 7/8in, Mizles (/32*)  og Components Smith MI61  ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
2 7 7/8in, Mizles (/32*)  og Components Smith MI61  ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
7 7/8in, Mizles (/32*) g Components Smith MI61 ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
7 7/8in, Mizles (/32*) g Components Smith MI61 ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%)    Consum   1.   7.   30.   2.
7 7/8in, Mizles (/32*) g Components Smith MI61 ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087 Pipe, Kelly PUHL 1000Ibi) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%)    Consum   1.   7.   30.   2.
7 7/8in, Mizles (/32*) g Components Smith MI61 ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%)    Consum   1.   7.   30.   2.
2 7 7/8in, Mizles (/32")  org Components Smith MI61  orment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
7 7/8in, Mizles (/32*) g Components Smith MI61 ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%)    Consum   1.   7.   30.   2.
2 7 7/8in, Mizles (/32")  org Components Smith MI61  orment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
7 7/8in, Mizies (/32")  Ing Components Smith MI61  Inment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
2 7 7/8in, Mizles (/32*)  og Components Smith MI61  ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%)    Consum   1.   7.   30.   2.
2 7 7/8in, Mizles (/32*)  og Components Smith MI61  ment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.
7 7/8in, Mizies (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.1
7 7/8in, Mizzles (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.1
7 7/8in, Mizies (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.1
7 7/8in, Mizzles (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30.0 2.0
7 7/8in, Mizzles (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.1
7 7/8in, Mizies (/32")  Ing Components Smith MI61  Inment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2.1
7 7/8in, Mizies (/32")  ng Components Smith MI61  mment  Wellbore Sta	11616, JY 16/16/1 6, Mud	3567 6/16/16/1 Motor, Flo	6  Dat Sub, UHBO  Cum Depth (ft)	String L  O, NMDC, N  Dum  Jrill  ime Int ROP  (ft/hr)	Length (ft) 5,51  NMDC, Dr	9.47 ill Collar, HW	OD (in	1.1( n) 307 Sub, Drill Rot HL (1000bb)	8 62.7 7.087  Pipe, Kelly  PU HL (1000Ibf) Drill Tq	A T L S D	fee (psi) Slow  Mud Additive  Description  Numinum  ristearate  IME  Gea mud  Dyna-Drill  Afety Check  Ty  Mellbores  Wellbore Nam	7.9 / Spd   S No   S 8 Amou	9	0.068 Eff (%) Consum 1. 7. 30. 2. chiption



Report for: 10/10/2008 Report #: 8, DFS: 3

Well Name: Federal 7-3D-65 API/UWI Depth Progress: 1,197 Surface Legal Location Spud Date Notice 43013340650000 State/Province NWSE Sec 3, T6S-R5W AFE Numbe 10/2/08 Total AFE Amount Utah Spud Date C08 032010 Rig Release Date Ground Elevation (ftKB) KB-Ground Distance (ft) 10/8/2008 8:00:00 AM 10/14/2008 3:00:00 PM Daily Cost Cum Cost To Date 6,875 14.00 Temperature (°F) 32,993 Road Condition 329,411 Nice Hole Condition 45.0 Daily Mud Cost Mud Cum To Date Rough Operations at Report Time Good 3,659 Operations Next 24 Hours 8,204 Drilling @ 3944 Depth Start (ftKB) **Drilling Ahead** End (ftKB) Operations Summary 2,747 Drilling, orient tool, Rig service, Surveys 3,944 Target Formation Target Depth (ftKB) Time Log 5,830 Last Casing String Start Time Surface, 334ftKB Time Dur (hrs) (hrs) Operation 06:00 Comment 13:30 7.50 02 7.50 Drilling Drilling From 2847 - To 3250 **Daily Contacts** 13:30 14:00 0.50 8.00 07 Lubricate Rig Rig Service, Function Test Pipe Ram's, BOP Drill 45 Sec. Job Contact Mobile 14:00 17:00 3.00 11.00 02 Don Braithwaite Drilling Drilling From/ 3250 -To 3440 435-724-0757 17:00 18:00 1.00 12.00 20 Patterson, 778 Directional Orient tool, Surveys Work Contractor Rig Number 18:00 05:00 Patterson 11.00 23.00 02 Drilling 778 Drilling From 3440 - To/3944 05:00 Rig Supervisor 06:00 1.00 24.00 20 Phone Mobile Directional Orient tool, Surveys Allen Martin 801-425-5544 Work 1, Omega Geosource, D-750 3,277.0ftKB, 10/10/2008 06:00 Pump Number Rod Dia (in) Time Depth (ftKB) Density (lb/gal) KCL Water Vis (s/qt) PV Override (cp) 750.0 06:00 YP (lbf/100ft2) 3,277.0 8.40 Liner Size (in) Gel (10s) (lbf/100ft²) Gel (10m) (lbf/100ft²) Filtrate (mL/30min) 27 Stroke (in) Vol/Stk OR (b.. 1.0 1.000 Filter Cake (/32") 2.000 Sand (%) 7.99 3.000 Solids (%) MBT (lb/bbl) 11.5 Pres (psi) Slow Spd Strokes (s... Eff (%) Alkalinity (mL/mL) Chlorides (mg/L) 1.0 Calcium (mg/L) Pf (mL/mL) No Pm (mL/mL) 0.500 Gel (30m) (lbf/100ft²) 12,000.000 Whole Mud Added (bbl) 2, Omega Geosource, D-750 Mud Lost to Hole (bbl) Mud Lost to Surface (bbl) Reserve Mud Volume (bbl) Pump Number Active Mud Volume (bbl) Rod Dia (in) 2 750.0 BHA #2, Steerable Liner Size (in) Stroke (in) Vol/Stk OR (b... Length (ft) IADC Bit Dul 2 7 7/8in, MI616, JY3567 6 7.99 0.068 TFA (incl Noz) (in²) BHA RO. Pres (psi) Slow Spd Nozzles (/32") Strokes (s.. Eff (%) 1.18 62.7 String Length (ft) OD (in) No 16/16/16/16/16 5,519.47 String Components 307.087 **Mud Additive Amounts** Smith MI616, Mud Motor, Float Sub, UHBO, NMDC, NMDC, Drill Collar, HWDP, XO Sub, Drill Pipe, Kelly Description Cost (/unit) Consum... Comment 0.08 2,78.. Gypsum 13.39 180.0 Dyna-Drill 122.50 3.0 Sea mud 10.13 65.0 Time Cum Depth Int ROP Q (flow) Wellbore WOB Start (ftKB) End (ftKB) RPM Rot HL (hrs) - (ft) PU HL (fl/hr) (gpm) (1000). (mm) SPP (psi) Safety Checks Original Hole (1000lbf) 2,747.0 (1000lbf) 3,944.0 3,594.. 52.00 55.7 340 25 Time Type 60 1,250.0 110 145 Description Wellbores Wellbore Name KO MD (ftKB) Original Hole 400.0 www.peloton.com Page 1/1 Report Printed: 11/12/2008



Report for: 10/11/2008

Report Printed: 11/12/2008

API/UW	* 1		Te	urfa	eral 7-3D-6								r.e	:por	#: 9, DF
43013	3340650	0000	1	IWS	E Sec 3, T6S		Spud Date Notice	Sta	ate/Province	ce		~	Depth	Pro	gress: 1,
Spud Da		0.00		ig Rel	ease Date		10/2/08 Ground Elevation (ftKB)	∫Ut	tah				er 032010	Tot	al AFE Amount
Weather	r 0/2008	8:00:00	AM	10/	14/2008 3·nn	:00 PM	6,875	KB-	-Ground E	Distance (ft)		Daily Cost	332010	-	n Cost To Date
Cool			- 1"	mper	rature (°F)	F	Road Condition	Hole	e Conditio	14.00		30,	450	Cui	359,861
Operation	ons at Rep	ort Time			35.0	F	Rough	Go	ood	OR .		Daily Mud C		Muc	Cum To Date
	g @ 508 ons Summa	80				r	Operations Next 24 Hours  Orilling Ahead					Depth Start	134	- 1	10,338
Drilling	a. Orient	tool, Ri	Senios	C.,			Ariead						(IINB) <b>344</b>	Dep	th End (ftKB) 5,080
Time I	l on		3 GOI VICE	, Su	rveys							Target Form		Targ	et Depth (ftKB)
Start	End	T Carlo	Cum Dur	Code		<u></u>		1 S. J. S. J. L. J.	1,000		e Page Page 1	I not O	<del></del>		5,830
Time 06:00	Time	Dur (hrs)	(hrs)	_1_	Operation							Last Casing Surface,	String 334ffKB		
14:00	14:00	8.00	8.00		Drilling	Drilling	F/3944 T/4385	Comment				multiplicate story and	40 - 1	4 75	<u>, , , , , , , , , , , , , , , , , , , </u>
14:30	17:00	0.50 2.50	8.50 11.00		Lubricate Ri	g Rig serv	vice, Function test I	Pine Ram's				Daily Con	Contact	* Å	A
7:00	18:00	1.00	12.00		Drilling		r/4385 1/4543	ipo i talli 5				Don Brait	hwaite		Mobile 435-724-07
			12.00	20	Directional Work	Orient to	ool, Surveys					Pattersor	, 778		
	05:00	11.00	23.00 (	12	Drilling							Contractor Patterson			Rig Number
5:00	06:00	1.00	24.00 2	(	Directional	Uniling F	/4543 T/5080					Rig Superviso	nr -		778
				J	Work		· <del></del>					Alien Mart	in		Phone Mobile 801-425-554
<u>,140.0</u>	ftKB, 10	0/11/200	8 06:00		1.000						1	1. Omega	Ganea		D_750
vpe CL Wa		Time	:00	Dep	th (ftKB)	Density (lb/gal	l) Vis (s/qt)					Pump Number	-wr (hp	)	Rod Dia (in)
l (10s) (	lbf/100ft²)	Gel (10m)	(Jbf/100#2)	Eili-	4,140.0	8.40	27	PV Override 1.0		YP (lbf/100ft <sup>2</sup>		1 Liner Size (in)		0.0	
		ا.د	<i>,</i> 00	riitra	ite (mL/30min)	Filter Cake (/32	2") pH	Sand (%)	<u> </u>	1.00( Solids (%)	2	Jamos Olze (III)	, ,	(in) <b>99</b>	Vol/Stk OR (b
3T (lb/bb	)	Alkalinity (		Chlor	rides (mg/L)	Calcium (mg/L)	11.0	1 ''		30ilds (%)		Pres (psi) S			s (s Eff (%)
ole Mud	Added (bl	0.4	100	1:	2,000.000		,,	Pm (mL/mL)	)	Gel (30m) (lbf	/100ft²)		No	ı	
	. r laded (bi	) M	ud Lost to	fole (	bbi) Mud	Lost to Surface	e (bbl) Reserve Mud	Volume (hbl)			113	2, Omega	Geosou	rce, C	)-750
IA #2,	Steera	bie		7 1 1 7				volume (DDI)	Active M	lud Volume (bt	(10	Pump Number 2	Pwr (hp) 750		Rod Dia (in)
Run Dri	li Bit			2.17	Lengt	and the substitute			1		ī	iner Size (in)	Stroke (ir		Vol/Stk OR (b.
2 7 7 zzles (/32	//8in, M	1616, JY	3567		20.19.	(II) IADC	Bit Dull	TEA	10.00			6			TACKOL OF (D.
	<b>~</b> )				i	ł		IFA	(incl Noz)	) (in²) BHA	RO		7.9	99	0.068
		16/16/16				String Lengt	th (ft)		(incl Noz) 1.18		RO 2.7		7.9 ow Spd	99	0.068 (s Eff (%)
ng Comp	Onente	16/16/16	5/16/16/1			String Lengt	5.519.47	OD (in)	1.18	6.	2.7	Pres (psi) Sk	7.9 ow Spd S No	99 Strokes	0.068 (s Eff (%)
ng Comp Smi	Onente		5/16/16/1		Sub LIHBO N	ĺ	5.519.47	OD (in)	1.18	6.	2.7	Pres (psi) Sk	No Ve Amo	99 Strokes <b>unts</b>	(s Eff (%)
ng Comp Smi	Onente		5/16/16/1		Sub, UHBO, N	ĺ	5.519.47	OD (in)	1.18	6.	2.7	Pres (psi) Sk	No Ve Amo	99 Strokes unts Cost (	(s Eff (%)
Smi nment	onents th MI61		5/16/16/1			ĺ		OD (in)	1.18	6.	2.7 T	Mud Additi Descript AX	No Ve Amo	Strokes unts Cost	(s Eff (%)  /unit)   Consum. 0.08   1,62
Smi nment	Onente		5/16/16/1		Cum	ĺ	5.519.47	OD (in)	1.18	6.	2.7	Mud Additi Descript AX IME	No Ve Amo	Strokes unts Cost (	(s Eff (%)  /unit) Consum.  0.08 1,62  8.94 8.0
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 Motor, Fi	oat S	Cum Drill m Depth Time	IMDC, NMI	5,519.47 DC, Drill Collar, HV	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	.087 Pipe, Kelly	2.7 T	Mud Additi Descript AX IME Dypsum	No Ve Amo	OSTROKES  Units Cost (	/unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0
Smi nment	th MI61		6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	6: .087 Pipe, Kelly	2.7   T	Mud Additi Descript AX IME	No Ve Amo	Strokes unts Cost (	/unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 Motor, Fi	oat S	Cum Drill m Depth Time	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T	Mud Additi Descript AX IME Sypsum Syna-Drill I-SEAL	7.9 ow Spd   S No   S V6 Amore	Strokes unts Cost (	/unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0 5.20 5.0
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	6: .087 Pipe, Kelly	2.7 T	Mud Additi Descript AX IME Sypsum Syna-Drill SEAL	7.9 DW Spd No S	Strokes  unts Cost (	(s Eff (%)  //unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0 5.00
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7 T	Mud Additi Descript AX IME Bypsum Pyna-Drill SEAL Ime	7.9 www Spd Spd No Spd	Strokes  unts Cost (	/unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   1   1   1   1   1   1   1   1   1	Mud Additi Descript  AX IME Dyna-Drill SEAL  afety Chec	7.9 www.spd   S No   S  we Amore ion   S  ks	Strokes  unts Cost (	/unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	/unit) Consum. 0.08 1,62 3.39 120,0 2.50 2.0 5.20 5.0
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi Descript AX IME Dyna-Drill I-SEAL afety Chec	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.0  2.50 2.0  5.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	/unit) Consum. 0.08 1,62 3.39 120,0 2.50 2.0 5.20 5.0
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.0  2.50 2.0  5.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.0  Description
Smi nment	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum  0.08 1,62 8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.(  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum  0.08 1,62 8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.(  Description
Smi nment	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum  0.08 1,62 8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.(  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum  0.08 1,62, 8.94 8, 3.39 120,1 2.50 2,6 3.20 5,6  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum  0.08 1,62 8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.(  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.( 3.39 120.( 2.50 2.( 3.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  /unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0 5.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  /unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0 5.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  /unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0 5.20 5.0  Description
Smi nment Wellbore	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  /unit) Consum. 0.08 1,62 8.94 8.0 3.39 120.0 2.50 2.0 5.20 5.0  Description
Smi nment	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.0  2.50 2.0  5.20 5.0  Description
Smi ment Wellbore ginal H	th MI61	6, Mud N	6/16/16/1 flotor, Fid	oat S	m Depth Time (fit)	IMDC, NMI	5,519.47  DC, Drill Collar, HV  (flow) WOB RPM (1000) (rpm)	OD (in)  VDP, XO Sub	1.18 307. D, Drill F	PU HL (1000kh)   br	2.7   T   T   T   T   T   T   T   T   T	Mud Additi  Descript  AX  IME  Dyna-Drill  SEAL  afety Chec  ime  felibores  Wellbore Nar	7.9 w Spd   S No   S Ve Amoi	Strokes  unts Cost (	(s Eff (%)  (vinit) Consum.  0.08 1,62  8.94 8.0  2.50 2.0  5.20 5.0  Description

Page 1/1



Well Name: Federal 7-3D-65

Report for: 10/12/2008 Report #: 10, DFS: 5 Depth Progress: 440

API/UWI		en ivan			rai /-3D-03										D	epth	ı Pro	gres	s: 440
43013	340650	000		NWS	E Sec 3, T6S-	R5W	10/2/0	-			ate/Province tah			AFE Numb	er 0320	10	Total A	AFE Am	ount
Spud Da 10/		8:00:00	AM F		lease Date /14/2008 3:00:	00 PM	Ground I	levation (		K	3-Ground Dis	tance (ft) 14.00		Daily Cost			Cum C	ost To I	
Weather					rature (°F)		Road Co		,,,,	Ho	ole Condition			Daily Mud	7,275 Cost		Mud C	397,1 um To I	
Cold	ns at Rep	ort Time		-	20.0		Rough			G	ood			2	,494			12,8	
	ng W/P							ns Next 24 Ddown						Depth Star	t (ftKB) ,080	)	Depth	End (ftk	- 1
	ns Summ			_								<del></del>		Target For	•		Taroet	5,52 Depth (	
4 10 %	Carter 1973	20 @ 15	30, Rig	serv	ice, Orient too	l, Log, L	oggers T	D 5521		1, 1,			1 77.0	Last Casin				5,83	' ' 1
Time I	End		Cum Du		引まれる ひたいとう			1 · .			<u> </u>	Contraction (Contraction Contraction Contr		Surface	, 334	ftKB			
Time 06:00	14:00	Dur (hrs) 8.00		1.02	Operation Drilling	Deilli	F/F00	O T/F 45		Comment		7 22 2		Daily C	onta	cts			
14:00	14:30	0.50			Lubricate Ri		ng F/508			Pipe Rams				, J	ob Con	tect		Mo	
14:30	15:30	1.00			Drilling	Drilli	ng F/545	9 T/552	0. TD	5520 @ 1	5:30			Don Bra				35-72	4-0757
15:30	16:30	1.00	10.50	05	Condition M & Circulate	ud Pum	p Sweep	, Circula	ate out	, Mix and	Pump pill			Contractor Patterso		<u> 78                                    </u>	R	ig <b>N</b> uml	per
16:30	18:00	1.50	12.00	06	Trips	Shor	t Trip 15	stands						Rig Super			P	hone M	78 obile
18:00	19:30	1.50			Condition M	ud Pum	p Sweep	. Circ	Mix Pill	and pum	n			Allen Ma			- 1		5-5544
19:30	02:00	6.50	20.00	06	& Circulate									1, Ome		BOSOU Pwr (hp		750 Rod D	in (in)
02:00	03:00	6.50 1.00			Trips Directional	Inp	out For L down all	ogs, Sta	anding	it back in	Derrick or	n 18 De	g. Hole	1		75	0.0	Rout	na (III)
					Work									Liner Size	in)	Stroke (	(in) . <b>99</b>	Vol/St	k OR (b
03:00	06:00	3.00	24.00	111	Wire Line Logs	Log	with PSI,	Logger	TD 55	21		-		Pres (psi) 638.0		Spd es	Stroke:	s (s E	ff (%) 95
	OftKB, 1	10/12/20	08 06:0					11 11 11	- 1					2, Ome					370
Type KCL W	later	Time	6:00	D	epth (ftKB) 5,240.0	Density (	lb/gal) 3.40	Vis (s/qt)	•	I .	ride (cp)	YP (lbf/1	·	Pump Num		Pwr (hp	)	Rod D	ia (in)
		²) Gel (10r	n) (lbf/100	ft²) Fi	trate (mL/30min)	Filter Cal	-	рH	27	Sand (%	1.0	Solids (9	.000	2 Liner Size (	in) !	Stroke (	0.0 in)	Vol/St	k OR (b
MBT (lb/t	.000	3	.000						11.5				1.0			7.	99		
1001 (10/1	JUI)		y (mL/mL) 9.600		nlorides (mg/L) 15,000.000	Calcium	(mg/L)	Pf (mL/m	nL)	Pm (mL/	mL)	Gel (30n	n) (lbf/100ft²)	Pres (psi)	Slow	Spd No	Strokes	s (s E	f (%)
Whole Mi	ud Added	(bbl)	Mud Lost	to Ho	le (bbi) Mu	Lost to S	Surface (bbl	Res	erve Muc	Volume (bbl	Active N	lud Volun	ne (bbl)	Mud Ad	ditive	e Amo	ounts	Hark.	
BHA#	2, Stee	rable					or in the second				1 12. 4 / 5 .	14g2   11.		TAX	criptio	n ,	Cost	(/unit) 0.08	1,90
Bit Run E		MI616, J	IV2567		Len	gth (ft)	IADC Bit D	ull			TFA (incl No		BHA RO	LIME				8.94	5.0
Nozzles (		14110 10, 0	113307			Strine	Length (ft)			OD (in	1.18	<del>-</del>	62.7	Gypsum			1	3.39	80.0
0			/16/16/1	6/16				,519.47			•	7.087		Dyna-Dr				22.50	1.0
	mponents mith MI		d Motor.	. Floa	at Sub, UHBO	NMDC	NMDC	Drill Co	dlar ∐1	MDP VO	Sub Dell	Dina k	Calle:	Sea mud N-SEAL				6.20	85.0 15.0
Comment	l .			, , , , , ,		TUIDO	, IVIDO,	Dilli CC	mai, ii	WDF, AU	Sub, Driii	Pipe, r	celly	13377	1			0.20	15.0
		Tys j W <sup>res</sup> j	. 1-1 307	p - 1,5 .	Cu	m de a	1 10 10	120.00	4 7 5	10000	T	in a second	1.15 S. 1.10	Safety C		(S ype	<u>}</u>	Descri	ption
					Dr		00 0 0	\ \ \	DOM		1.44								
Wellt		Start (ftKB	) End (	RKB)	(ft) (hr	s) (ft/h	OP Q (flow r) (gpm)	(1000i	RPM (rpm)	SPP (psi)	Rot HL (1000lbf)	PU HL (1000lb	f) Drill Tq	Wellbor	88				
Origina	I Hole	5,080.	0 5,5	20.0	5,170 82.	50 48	340	20	60	1,450.0	123		30	Wellbo		10	K	O MD (f	
II														Original	Hole				400.0
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Report for: 10/13/2008 Report #: 11, DFS: 6

Report Printed: 11/12/2008

API/UWI					ace Legal Loca			Soud D	ate Notice			Tà.				De	pth i	Prog	ress: (
L	340650	000		NW	/SE Sec 3,	T6S-F	R5W	10/2/0	ale Notice )8	•		State/Provin Utah	ce		AFE Numb	er		AFE Am	
Spud Da		8:00:00	A B 4	Rig F	Release Date				Elevation			KB-Ground	Distance (ft)		Daily Cost	032010	Cum	Cost To	Data
Weather		5.00.007	AIVI		0/14/2008 perature (°F)	3:00:0	00 PM	D10		875			14.00		1 1 7	3,759	Cum	580,8	
Cool	_				38	.0		Rough	ondition			Hole Conditi Good	on		Daily Mud		Mud	Cum To	Date
	ns at Repo	ort Time		-				Operation	ons Next 2	24 Hours		G000			Depth Star	,030		19,8	
	g down	erv						Rig D	own and	d Slide						,520	Deptr	5,52	
			ydowi	n DP	, Run Casi	ng, C	ement. S	Set Cas	ina Slin	16					Target For	mation	Targe	t Depth	
Time L	.og	rice in the		and a side	in Line					100	Maria a l	e i ogranica	· 4 4 6		Last Casing	2 String		5,83	30
Start Time	End Time		Cum D			- 17 - Sec	7	11 (19.5) 19.11 (19.5)	<u> 2011 (A. A. A.</u> 1011 (A. A. A.	<u> </u>	e e e e e e e e e e e e e e e e e e e				Surface,	334ftKB			
06:00	08:00	Dur (hrs) 2.00		0 11	- Opoi		Finish	Local	ng with	<del></del>	Commen	t .			Daily Co				
					Logs	ic	1 111151	ı roğğı	ig with	PSI					Jo	b Contact			obile
08:00	10:00	2.00		0 22			Wait	on Flow	Nipple	Whille	working	with Rot.	Hood Du	bbos	Don Bra			435-72	4-0757
10:00	15:00	5.00		0 06			I I IID II	1. Instal	II rubbei	r Fill r	ine			ibbei	Patterso Contractor	on, 778	11	Dim Nhumi	
15:00	16:30	1.50	10.5	0 05	Condition & Circu	on Mu	d Circ. I	3ottom:	s up, S/	M with	& R/U L	ay down ti	ruck		Patterso	n	"	Rig Numl 7	78
16:30	23:00	6.50	17.0	0 06	a Circui	ate									Rig Supervi			hone M	obile
23:00	02:00	3.00	20.0			sina &	Lay de	OWN DE	and Bl	HA	45.50				Allen Ma				5-5544
	1			-  -	Cement			shoe @	30ints ( @ 5498	or 5.5,	15.50, J-	55 Casing	, Marker	Set @	Pump Numi	er Pwr (h	urce, 1	D-750 Rod D	lia (in)
	Arkalija		1919			31.00		11/4			erak jeut kiji. T		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3.5 Take 5 T	1	7:	50.0	1.00	na (III)
Туре		Time		Ē	Depth (ftKB)		Density (lb	/gai)	Vis (s/q			verride (cp)	YP (lbf/1	OOft <sup>2</sup> )	Liner Size (i			Vol/St	k OR (b
Gel (10s)	(lbf/100ft²)	Gel (10m	) (ibf/10	Oft²) F	Filtrate (mL/30	min) I	ilter Cake	(/2011)	<del> </del>				(.=	,	Pres (psi)	Slow Spd	.99 Stroke	s (s E	F (9/.)
		_  `	, ,	,			iller Cake	(/32 )	pH		Sand	(%)	Solids (%	6)		No	Cuone	3 (S) E	11 ( /0)
MBT (lb/bl	bl)	Alkalinity	(mL/mL	.) (	Chlorides (mg/	L) (	Calcium (m	ıg/L)	Pf (mL/r	nL)	Pm (n	ıL/mL)	Gel (30m	) (lbf/100ft²)	2, Omeg	a Geoso	urce, i	D-750	
Whole Mu	d Added (I	bbl)	Mud Los	st to H	ole (bbl)	Barret	Lost to Su	f // / /			ł	·	ĺ		Pump Numb		o) 50.0	Rod D	ia (in)
						IVIUG	LOSE EO SU	riace (bbi	) Res	serve Mu	d Volume (b	bl) Active	Mud Volum	e (bbl)	Liner Size (in	n) Stroke		Vol/Sti	OR (b
			il i sejikinik grafi serina			1 2 3			\$ 0.0 %	1536. S	to the		हा भा सुरक्षा प्रकृ	, we spray to the		7	.99	-	
3it Run Di	nii Bit					Lengt	h (ft) 1/	ADC Bit D	ull		<u> </u>	TFA (incl N	oz) (in²)	BHA RO	Pres (psi)	Slow Spd No	Stroke	s (s Ef	f (%)
lozzles (/:	32")						String I	ength (ft)									1 14 7 1 4 1 3 4 1	rio 4s.	7
							Journa 2	-engui (it)	'		OD (	in)			Mud Add	ription	Ounts	(Aunit) (	Consum
String Con	aponents														Gypsum		-	3.39	10.0
omment															Potassium (sk)	n Chloride	e 2	27.00	196.0
															Dyna-Dril		<u> </u>		
						Cum Drill			4. 1 Mars	4 34 5	F-38-155	12323	Fale 156	01/25/20	Sea mud	<u> </u>		0.13	2.0
Wellbo		Start (ftKB)	1		Cum Depth	Time	Int ROP	Q (flow)	WOB	RPM		Rot HL	PUHL		N-SEAL			6.20	60.0 5.0
TYCHOL	, e	prair (IIVD)	End (	MKB)	(ft)	(hrs)	(ft/hr)	(gpm)	(1000)	(rpm)	SPP (psi)	(1000lbf)	(1000lbf)	Drill Tq	Saw Dust		<del></del>	5.81	25.0
		,-			<del>-</del>	L		L		ļ					TAX		_	0.08	6,56
														1	Safety Ch	aaka	1.7		
														1	Time			Descrip	otion
															Wellbore				
															Wellbore	Name	K	MD (ft)	(B)
															Original H	ole			400.0
														1					
														1					ł
														[ ]					
														11					
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ww.pel	oton.co	m								2000 1	14								

Page 1/1

Report for: 10/14/2008 Report #: 12, DFS: 7

API/UWI		eli Nam			ral 7-3D-6							Der	th Progress:
43013	340650	000	8	Surface NWS	E Sec 3, T6	S-R5W	Spud Da	ate Notice	State/Province	e	AFE Number	Deh	Total AFE Amount
Spud Da		8:00:00 A	TF	≀ig Rel	ease Date			Elevation (ftKB)	Utah KB-Ground D	istance (ft)	C08 032 Daily Cost	010	0 - 0
Weather		6:00:00 A			14/2008 3:00 rature (°F)	0:00 PM	Road Co	6,875		14.00	126,38	33	Cum Cost To Date 707,278
Cool	ns at Repo	Out Time			36.0		Rough	1	Hole Condition  Cased	n	Daily Mud Cost		Mud Cum To Date
Rig Do	wn						Operation	ons Next 24 Hours ed Skidding Ri			Depth Start (ftK)		19,862 Depth End (ftKB)
Operation	ns Summa	ary	l Aliani		- 0 10				9	· · · · · · · · · · · · · · · · · · ·	5,520 Target Formatio		5,520
Time L	asiiig, C	zemented	, ічіррі	ea D	own & set S	ips, Clean	ed Mud	Tanks					Target Depth (ftKB) 5,830
Start	End	T = I	Cum Dur	Code	e Sight Server Propose and the						Last Casing Stri Production,	ng 5.40064	
Time 06:00	06:30	Dur (hrs) 0.50	(hrs) 0.50	1	Operation				Comment		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.11	KB
		0.50	0.50	12	Run Casing Cement	a Finish	1 Runnii	ng 5.5, 15.50, .	J-55 Casing		Daily Conta	ntact	Mobile
06:30	09:00	2.50	3.00	05	Condition N	/lud Circul	ate, Ric	Up Cement C	rew		Don Braithw		435-724-075
9:00	11:00	2.00	5.00	10	□ Culate						Patterson, 7 Contractor	778	Rig Number
		2.00	3.00	12	Run Casing Cement		Vith Cer	ment Crew, Ce	ment With Pro Pet ement Details in At	ro, Full Returns,	Patterson		778
	13:00	2.00	7.00		NU/ND BO	P Nipple	Down	BOP Set Cas	ing slips W/90,000	tatchments)	Rig Supervisor Allen Martin		Phone Mobile 801-425-554
13:00 14:00	14:00 18:00	1.00	8.00		NA	Clan	Mud Tai	nks. Release R	Rig @ 15:00 on 10/	14/08	1, Omega G		ce. D-750
4.00	10.00	4.00	12.00	01	Rig Up & To Down	ear Rig D	own To	Skid			Pump Number	Pwr (hp)	Rod Dia (in)
	177	<del></del>		i de la	2000 2000 1000 1000							750 Stroke (in	Vol/Stk OR (b.
ype		Time			pth (ftKB)	Density (lb		Vis (s/qt)	PV Override (cp)	YP (lbf/100ft²)		7.9	9
iel (10s)	(lbf/100ft²)	) Gel (10m)	(lbf/100f	t²) Filti	rate (mL/30min)	Filter Cake	(/32*\	pH		_  ' '		w Spd S	Strokes (s Eff (%)
BT (lb/bl		_1		-		ł	•	חק	Sand (%)	Solids (%)	2, Omega G	eosour	ce, D-750
	•	Alkalinity (	mL/mL)	Chi	orides (mg/L)	Calcium (m	ıg/L)	Pf (mL/mL)	Pm (mL/mL)	Gel (30m) (lbf/100ft²)	Pump Number 2	Pwr (hp) 750	Rod Dia (in)
hole Mu	d Added (I	bbl) M	lud Lost t	o Hole	(bbi) M	ud Lost to Sui	rface (bbi)	Reserve Mud	Volume (bbi) Active	Mud Volume (bbl)	Liner Size (in)	Stroke (in	) Voi/Stk OR (b.
	<del></del>										Pres (psi) Slow	7.9 Spd S	9 Strokes (s Eff (%)
it Run Dr	rill Bit	<del></del>		1.15	Le	ngth (ft)	ADC Bit Di	<u> </u>	TFA (incl No			No	21. O.C.S (S Ell (78)
ozzies (/3	32")								IFA (IIICI NO	z) (in²) BHA RO	Mud Additiv	e Amoi	unts
	,					String	ength (ft)		OD (in)		Descriptio	m (Co	Cost (/unit) Consum
tring Com	ponents										(SASSA).		
omment											Safety Check	KS ype	Description
111111	.74. T	N. 1 A . 1 (2)	E 78	- T								<i></i>	
					D	um rill					Wellbores		
Wellbo	re S	Start (ftKB)	End (ft)			rili 709 Int ROF		WOB RPM (1000) (700)	Rot HL	PU HL	Wellbores Wellbore Nan		KO MD (ftKB)
	rre S	Start (ftKB)	End (ft)		Dum Depth Ti	rill <sup>708</sup> Int ROF	Q (flow) (gpm)		SPP (psi) Rot HL (1000lbf)	PUHL (1000lbf) Drill Tq	Wellbores		
	re S	Start (fiKB)	End (ft)		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Roi HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	re s	Start (fiKB)	End (ft)		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	re S	Start (fikB)	End (ft)		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	re s	Start (fiKB)	End (N		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Roi HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	e	Start (ftKB)	End (N		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	10 mg	Start (ftKB)	End (ft)		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	10.	Start (ffKB)	End (N		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
		Start (fiKB)	End (ft)		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	<b>10</b>	Start (fikB)	End (ft		Dum Depth Ti	rili 709 lint ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
		Start (ftKB)	End (ft)		Dum Depth Ti	rili 709 lint ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	(3)	Start (flKB)	End (N		Dum Depth Ti	rili 709 lint ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
		Start (fiKB)	End (ft)		Dum Depth Ti	rili 709 lint ROF			Rot HL SPP (psi) (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	<b>10</b>	Start (fikB)	End (ft		Dum Depth Ti	rili 709 lint ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
		Start (ftKB)	End (ft)		Dum Depth Ti	rili 709 lint ROF			SPP (psi) Rot HL (1000lbr)		Wellbores Wellbore Nan		KO MD (ftKB)
		Start (ftKB)	End (ft)		Dum Depth Ti	rili 709 lint ROF			SPP (psi) Rot HL (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
		Start (ftKB)	End (N		Dum Depth Ti	rili 709 lint ROF			Rot HL SPP (psi) (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
		Start (fikB)	End (ft)		Dum Depth Ti	rili 709 lint ROF			Rot HL SPP (psi) (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	<b>10</b>	Start (fikB)	End (ft		Dum Depth Ti	rili 709 lint ROF			Rot HL SPP (psi) (1000lbf)		Wellbores Wellbore Nan		KO MD (ftKB)
	<b>1</b>	Start (ftKB)	End (ft)		Dum Depth Ti	rili 709 Int ROF			SPP (psi) Rot HL (1000lbr)		Wellbores Wellbore Nan		KO MD (ftKB)

Well Name: Federal 7-3D-65

Report # 1, Report Date: 10/28/2008

API/UWI 4301334065 Well Configurati Deviated  Primary Job Typ Initial Comp Objective	ion Type		Surface Leg NWSE S	ai Location		Spud Date Notice		Tield Name				
Well Configurati Deviated Primary Job Typ Initial Comp	ion Type			ec 3 TAG E	25\//	10/2/08		Field Name	0		rovince	
Deviated Primary Job Typ Initial Comp			Original KB	Elevation (ftKB	)	KB-Ground Distance	(ft)	Brundage KB-Casing El	Canyon ange Distance (f	Utah	ine Head Division	
Initial Comp				6,889	,		.00	Casing Fi	14.00	y KB-Tub	ing Head Distance (ft)	
							Secondary Job T	vpe		1		
Objective	letion						Wireline	,,,,				
Contractor			<del></del>						Di- Nomb			
Nabors									Rig Number	81-	4	
AFE Number	000 000		To	otal AFE Amou	nt		Daily Cost		l	Cum Cost To Date		
Weather	C08 0320	113	17	(OF)	TD			5,760			5,760	
Vicatile				(°F)	Road Condi	tion		Tubing Pressu	re (psi) Ca	sing Pressure (psi)	Rig Time (hrs)	
	Jo	b Contact	L			Til	le			Mob	ile	
										INIOD		
Time Log												
Start Time		Dur (hrs)	Code 1		Operation				Comment			
00:00	0:00		CTUW	W/L Oper	ation	RIH W/W	IRELINE, RU	N GR/CCL/C	BL FROM P	BTD TO TOC	(TOC @ 276')	
						į					,	
						5360'-62	ELAND BUTT	IE AS FOLLO	OWES:			
						5297'-99'						
İ						5267'-69'						
						5258'-60'						
						5238'-40'						
i						5215'-17'						
				<u> </u>								
Report Flui		ıry										
	Fluid			To well (bbl)		From we	ell (bbl)		To lease (bbl)		From lease (bbl)	
Safety Chec	cks	Do	scription									
7,1110			Scription				ре			Comme	nt	
Logs	Date											
	Date				Туре			Top (ftK	(B)	Btm	(ftKB)	Cased?
												No
Perforation												
	Date			Zone		Top (f	tKB)		Btm (ftKB)		Current Status	
Date		Zone			~		Гуре			Is	tim/Treat Company	
Ct- /	·			- ,							Jonipuny	
Stg No.	Stage	Э Туре			Top (ft	KB)		Di (6(/D)				_
	Olage	Турс	750	<del>                                     </del>	TOP (TE	ND)		Btm (ftKB)		<u> </u>	/ (pumped) (bbl)	
Other In Ho	la			<u> </u>								
Outer III FIO		scription			Ri	un Date	OD (i	in) T	Ton	(ftKB)	Pi- /AVP	
								,	TOP	(iavo)	Btm (ftKB)	***
Cement	Description					Start (	Date				Cement Comp	
Cement												

Report Printed: 11/12/2008

Report # 2, Report Date: 11/6/2008

O0:00	Deviated   Deviated   Cliganal KB Elevation (RKB)   KB-Ground Distance (ft)   KB-Ground Pistance (ft)   KB-Ground Pistance (ft)   KB-Ground Pistance (ft)   Al 4.00   KB-Crasing Flange Distance   Al 4.00   KB-Cra	814  Cum Cost To Date 68,750  Ising Pressure (psi)  Mobile  E WITH 4 3/4" BIT PICKING UP TBC 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP  WIVEL. PLUG AT 4292'. DRILL UP PLUG  TE WELL. RILL PLUG AND CIRCULATE HOLE  JT SAND TO 4TH PLUG AT 4966'
	Primary Job Type	Cum Cost To Date 68,750  Ising Pressure (psi)  Mobile  Rig Time (hrs)  Mobile  E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP  WIVEL. PLUG AT 4292'. DRILL UP PLUG IE WELL. RILL PLUG AND CIRCULATE HOLE  JT SAND TO 4TH PLUG AT 4966'
Initial Completion	Initial Completion	Cum Cost To Date 68,750  Ising Pressure (psi)  Mobile  Rig Time (hrs)  Mobile  E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP  WIVEL. PLUG AT 4292'. DRILL UP PLUG IE WELL. RILL PLUG AND CIRCULATE HOLE  JT SAND TO 4TH PLUG AT 4966'
Nabors	Nabors   AFE Number   CO8 032013   Total AFE Amount   Daily Cost   62,990	Cum Cost To Date 68,750  Ising Pressure (psi)  Mobile  Rig Time (hrs)  Mobile  E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP  WIVEL. PLUG AT 4292'. DRILL UP PLUG IE WELL. RILL PLUG AND CIRCULATE HOLE  JT SAND TO 4TH PLUG AT 4966'
Total AFE Amount   Total AFE Amount   Total AFE Amount   Total Occasion	Total AFE Amount	Cum Cost To Date 68,750  Ising Pressure (psi)  Mobile  Rig Time (hrs)  Mobile  E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP  WIVEL. PLUG AT 4292'. DRILL UP PLUG IE WELL. RILL PLUG AND CIRCULATE HOLE  JT SAND TO 4TH PLUG AT 4966'
Comment   Comm	Cost	68,750 Ising Pressure (psi) Rig Time (hrs) Mobile  E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP WIVEL. PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE UT SAND TO 4TH PLUG AT 4966'
	Time   Log   Start Time   End Time   Dur (hrs)   Code 1   Operation   RIG UP PUMP AND LINES, RUN IN THE HOL PICK UP 128 JTS TBG AND TAG SAND AT 40	Mobile  E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP  WIVEL. PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE  JT SAND TO 4TH PLUG AT 4966'
Time   Log	Start Time   Log   Start Time   End Time   Dur (hrs)   Code 1   Operation   Comment	E WITH 4 3/4" BIT PICKING UP TB0 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP WIVEL. PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE
Sust Time	Start Time	E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP WIVEL. PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE UT SAND TO 4TH PLUG AT 4966'
Sust Time	Start Time   End Time   Dur (hrs)   Code 1   Operation   O0:00   O0:00   RUTB   Run Tubing   RIG UP PUMP AND LINES. RUN IN THE HOLD	E WITH 4 3/4" BIT PICKING UP TBG 60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP WIVEL. PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE UT SAND TO 4TH PLUG AT 4966'
October   Octo	No.   Pick VP 108   TS TBG AND TAG SAND AT 40	60'. RIG UP POWER SWIVEL. D 1ST PLUG AT 4095'. DRILL UP WIVEL. PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE UT SAND TO 4TH PLUG AT 4966'
Description   Description	October   Octo	WIVEL. PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE JT SAND TO 4TH PLUG AT 4966'
100.00	Ocion   Ocion   Ocion   CLN   Clean Out Hole   Circulate AND CLEAN OUT HOLE TO 2ND AND CIRCULATE HOLE CLEAN.	PLUG AT 4292'. DRILL UP PLUG TE WELL. RILL PLUG AND CIRCULATE HOLE UT SAND TO 4TH PLUG AT 4966'
AND CIRCULATE HOLE CLEAN.   October 1975   Octobe	AND CIRCULATE HOLE CLEAN.	TE WELL. RILL PLUG AND CIRCULATE HOLE JT SAND TO 4TH PLUG AT 4966'
Octob   Octob   Octob   CLN   Clean Out Hole   CLEAN OUT FILL TO 3RD PLUG AT 4738; DRILL PLUG AND CIRCULATE HOLE   Octob   O	O0:00   O0:00   CLN   Clean Out Hole   CLEAN OUT FILL TO 3RD PLUG AT 4738'. DI	RILL PLUG AND CIRCULATE HOLE
October   Octo	CLEAN	JT SAND TO 4TH PLUG AT 4966'
O0:00	CLEAN OUT HOLE TO 4TH PLUG AT 4996. CLEAN OUT HOLE TO 4TH PLUG AT 4966. CC   CIRCULATE HOLE CLEAN.	JT SAND TO 4TH PLUG AT 4966'. IRCULATE HOLE AND DRILL PLUC
CIRCULATE HOLE CLEAN.	CIRCULATE HOLE CLEAN.  O0:00	IRCULATE HOLE AND DRILL PLUC
O0:00	O0:00   O0:00   CLN   Clean Out Hole   CLEAN OUT WELL TO 5TH PLUG AT 5198'. E HOLE CLEAN.	
O0:00   O0:00   RUTB   Run Tubing   Run Tibing    CLEAN.  O0:00   O0:00   RUTB   Run Tubing   RUN TBG AND TAG FILL AT 5386'. CIRCULAR COLLAR AT 5451'. DRILL UP FLOAT COLLAR 5466' CIRCULATE HOLE CLEAN AND LAY DO STANDS AND SHUT WELL IN FOR NIGHT.  Report Fluids Summary   Fluid   To well (bbl)   From well (bbl)   To lease (bbl)    Safety Checks   Time   Description   Type   Top (ftKB)    Logs   Date   Type   Top (ftKB)	RCULATE WELL.	
COLLAR AT 5451'   DRILL UP FLOAT COLLAR AND 15' OF CEMENT TO PBTD AT 5466' CIRCULATE HOLE CLEAN AND LAY DOWN POWER SWIVEL. PULL 10 STANDS AND SHUT WELL IN FOR NIGHT.    Report Fluids Summary	Report Fluids Summary  Fluid To well (bbl) From well (bbl) To lease (bbl)  Safety Checks Time Description Type  Date Type Top (ftKB)	
Fluid To well (bbl) From well (bbl) To lease (bbl) From lease (bbl)  Safety Checks Time Description Type Comment  Logs  Date Type Top (ftKB) Btm (ftKB) Cased No  Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Zone Type Stim/Treat Company  Stig No. Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl)  Dither In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description Run Date OD (in) Top (ftKB) Btm (ftKB)	Fluid To well (bbl) From well (bbl) To lease (bbl)  Safety Checks Time Description Type  Logs Date Type Top (ftKB)	AND 15' OF CEMENT TO PRID AT
Safety Checks Time Description Type Comment  Logs  Date Type Top (ftKB) Btm (ftKB) Cased No  Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Zone Type Stim/Treat Company  Sig No. Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl)  Dither In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description	Safety Checks Time Description Type  Logs Date Type Top (ftKB)	
Time Description Type Comment  Logs  Date Type Top (ftKB) Btm (ftKB) Cased No  Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Date Zone Type Stim/Treat Company  Date Date Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description Run Date OD (in) Top (ftKB) Btm (ftKB)	Time Description Type  Logs  Date Type Top (ftKB)  Perforations	From lease (bbl)
Time Description Type Comment  Logs  Date Type Top (ftKB) Btm (ftKB) Cased No  Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Date Zone Type Stim/Treat Company  Date Date Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Description Run Date OD (in) Top (ftKB) Btm (ftKB)	Time Description Type  Logs  Date Type Top (ftKB)  Perforations	
Date   Type   Top (ftKB)   Btm (ftKB)   Cased   No	Perforations	Comment
Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Zone Type Stim/Treat Company  Stg No. Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Cement	Perforations	
Perforations  Date Zone Top (ftKB) Btm (ftKB) Current Status  Date Zone Type Stim/Treat Company  Stg No. Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Cement	Data	
Date Zone Type Stim/Treat Company  Stg No. Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Cement	Date         Zone         Top (ftKB)         Btm (ftKB)	
Stg No. Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Cement		Current Status
Stg No. Stage Type Top (ftKB) Btm (ftKB) V (pumped) (bbl)  Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Cement	Date Zone Type	Stim/Traat Company
Other In Hole  Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Cement	Stg	Sum/ Freat Company
Description Run Date OD (in) Top (ftKB) Btm (ftKB)  Cement	No. Stage Type Top (ftKB) Btm (ftKB)	V (pumped) (bbl)
Cement  Description	Decembra	
Description	Ton Sec OD (III) 10p	RKB) Btm (ftKB)
Sand Comp	D	
		Cement Comp

Report # 3, Report Date: 11/7/2008

	∠ Wei	I Name:	Feder	ral 7-3D-6	55				•	·	•	
API/UWI	10650000			gal Location	2514/	Spud Date Notice		Field Name			State/Prov	nce
	uration Type			Sec 3, T6S-F Elevation (ftKB		10/2/08 KB-Ground Distance	o (#\		E Canyon	(6)	Utah	
Deviated			Original ND	6,889	"	I	.00	NB-Casing F	14.00	(π)	KB-Tubing	Head Distance (ft)
Primary Jol							Secondary Job	Туре				
	mpletion						Wireline					
Objective												
Contractor									Rig Number			
Nabors AFE Number											814	
AFE NUMB	er C08 03	2013	1	otal AFE Amou	int		Daily Cost	30,920		Cum Cost		99,670
Weather				T (°F)	Road Cond	dition		Tubing Pressu	ure (psi) C	asing Pressu		Rig Time (hrs)
		Job Contact			1		ar.:					
		JOD COMACI			1		itle				Mobile	
Time Lo	.a				1 .				1			
Start Time	End Time	Dur (hrs)	Code 1		Operation				Commen			
00:00	00:00		PULT	Pull Tubii	ng	WELL PF AND SU	RESSURE 0   3.	PSI. PULL T	BG OUT OF	THE HO	LE AND	LAY DOWN BIT
00:00	00:00		RUTB	Run Tubi	ng			VITH NOTCH	ED COLLAF	R. 1 JT TB	G. SEAT	ING NIPPLE WITH
					-	BLEED C	COLLAR, 5 J	TS TBG, TBG	ANCHOR,	AND 165	JTS TBO	G. REMOVE BOP
00.00	00.00							OR. LAND 1		•		
00:00	00:00		RURP	Run Rods	s & Pump	CHANGE SEAT PI	E OVER TO F	ROD TOOLS AKE UD STU	AND RUN II	N THE HO	LE WIT	H PUMP AND RODS F AND PUMP UP
						TO 500 F	PSI. HELD O	K. TBG FUL	L WHEN PU	JMP WAS	LANDE	D. RIG DOWN AND
						MOVE O	FF LOCATIO	DN.				
00:00	00:00						JMPING AT					
							SI, C.P. 0 PS 86" STROKE	SI.				
							ATER 4260 E	BBLS				
						PBTD 54	66'.					
Panari I				l.								
Report	Fluid	mary	1	To well (bbl)		From w	rell (bbl)		To lease (bbl)	Т		From lease (bbl)
Safety C	hecks											
Time		De	escription			Т	уре				Comment	
Logs	Date				Time				140		- 401	
	Date				Туре			Top (ft	KB)		Btm (ftk	(B) Cased?
D	•											1,10
Perforat	IONS Date		Γ	Zone		Тор (	(ftKB)		Btm (ftKB)	T		Current Status
												Surroux Succes
Det		1-7					-					
Date		Zone					Туре				Stim	/Treat Company
Stg												
No.	Si	tage Type		-	Тор (	(ttKB)		Btm (ftKB)			V (p	umped) (bbi)
Other In	Wala											
Other in	поів	Description				Run Date	OD	(in)	Top	o (ftKB)		Btm (ftKB)
Cement												
	Descrip	tion				Start	Date				Cer	ment Comp
										Ш.		

43013340 Well Configur Deviated Primary Job 1 Initial Com Objective Contractor	ration Type	INVVSE :		Spud Date Notic	6	Eigld Name				
Primary Job 1 Initial Com Objective		Original Mt	Sec 3, T6S-R5W  B Elevation (ftKB)	10/2/08		Field Name Brundage	e Canyon		State/Province	
Initial Con Objective		Original Ki	6,889	KB-Ground Dista		KB-Casing I	lange Distance	e (ft)	Utah KB-Tubing Head	. 5.
Objective	Туре				14.00		14.00	,	To Tubing Fleat	Distance (ft)
	npletion				Secondary Job T	уре				
Contractor					Wireline					
Nabors							Rig Number			
AFE Number		1	otal AFE Amount		D :: 0				814	
Weather	C08 032013				Daily Cost	F 700		Cum Cos	t To Date	
_			T (°F) Road Co	ondition		5,760 Tubing Pressu	to (==i)	1	5,76	
	Job Co	ntact				doing riessu	re (psi)	asing Pressu	re (psi) Rig	Time (hrs)
					Title				Mobile	
Time Log									MODILE	
	End Time Dur (h		Operation							
0.00	00:00	CTUW	W/L Operation	RIH WA	MIDELINE BUIL		Commen	t		
	1	1		1311 44/1	WIRELINE, RUI	N GR/CCL/C	BL FROM I	BTD TO	TOC (TOC @	276')
				PERF U	TELAND BUTT	F AS FOLLO	WEC.		, 6	
				10000-02		- / O / OLL(	/VVE3:			
				5297'-99	)' .•					
				5267'-69 5258'-60	•					
				5238'-40	•					
				5215'-17						
onort Fi										
eport Flui	ds Summary									
			To well (bbl)	From w	rell (bbl)	7	1			
afety Chec	nke.						lease (bbl)		From le	ase (bbl)
Time		Description		-		4				
		Description		T	уре					
									omment	
ogs	Date	T								
	Date		Туре			T (01/0)				
						Top (ftKB)			Btm (ftKB)	Case
rforations										No
	Date		Zone	Top (f	KR)					
						В	tm (ftKB)		Current	Status
e	Zone	9								
				1	уре	· · · · · · · · · · · · · · · · · · ·			100	
3	St								Stim/Treat Co	mpany
<del> </del>	Stage Type		Top (ft	KB)		Btm (ftKB)		T	_	
or in Linia						DIM (MKB)			V (pumped) (I	obl)
er in Hole										
	Description		R	un Date	OD (in)		<u>-</u>			
nent					35 (iii)		Top (ft	KB)	Btr	n (ftKB)
	Description	<del></del>								
	- Parti			Start Da	ite					
									Cement Comp	

Well Name: Federal 7-3D-65

Report # 2, Report Date: 11/6/2008

	40650000	NWSE :	egal Location Sec 3, T6S-I	R5W	Spud Date Notice 10/2/08		Field Name	_	State/P	rovince	
Well Config Deviate	guration Type	Original Ki	B Elevation (ftKE	3)	KB-Ground Distance	ce (ft)	Brundage ( KB-Casing Fla	Canyon  nge Distance (ft)	Utah	:======================================	
Primary Jo			6,889			4.00		14.00	KB-Tub	ing Head Dista	ince (ft)
nitial Co	ompletion					Secondary Job Wireline	Гуре				
ontractor											
Nabors FE Numb	er		Total AFE Amou				F	Rig Number	814	1	
Maath	C08 03201	13	TOTAL ALLOW	int		Daily Cost		62.990 Cum C		Cost To Date	
Veather			T (°F)	Road Cond	dition	<u> </u>	Tubing Pressure	(psi) Casino	g Pressure (psi)	68,750 Rig Time	(heta)
	Job	Contact		<u> </u>	Т	itle					(1115)
ime Lo									Mobil	le	
Start Time	End Time D	ur (hrs) Code 1		Operation							
00:00	00:00	RUTB	Run Tubir	ng	RIG UP I	PUMP AND L	INES. RUN IN	Comment THE HOLF V	VITH A 3/A" F	RIT DICKIN	O UD TO
00:00	00:00	CLN	Clean Out	t Hole							
0:00	00:00				CITCUL	TIE HULE AN	ND CLEAN OU	T CAND TO 4	ST PLUG AT	4095'. DI	RILL UP
0:00	00:00	RUTB	Run Tubir		RUN TBO	AND TAG F	ILL AT 4255'	RIG LID CWIN	/FI	<del></del>	
		CLIN	Clean Out	Hole	CIRCULA	RUN TBG AND TAG FILL AT 4255'. RIG UP SWIVEL.  CIRCULATE AND CLEAN OUT HOLE TO 2ND PLUG AT 4292'. DRILL UP PLUG AND CIRCULATE HOLE CLEAN.					
00:00	00:00	RUTB	Run Tubin	ng	_ 1		LE CLEAN. ILL AT 4709'.				. 200
0:00	00:00	CLN	Clean Out	Hole	CLEAN C	OUT FILL TO	3RD PLUG AT	4738', DRILL	WELL.	CIPCIII	TE UOLE
0:00	00:00	RUTB	Run Tubin	10							
0:00	00:00	CLN	Clean Out		CLEAN O	UT HOLF TO	LL AT 4898'. 4TH PLUG AT	CLEAN OUT	SAND TO 4T	H PLUG A	T 4966'.
	1 1	i i									CILL PI UC
):00	00:00	RUTB	Run Tubin		_		► / 11 T.				
	00:00	RUTB CLN	Run Tubin Clean Out	g Hole	RUN IN T	HE HOLE AN	D TAG FILL A	T 5105' CID	OLU ATE LASE		
0:00			Run Tubin Clean Out	Hole	RUN IN T CLEAN O HOLE CL	HE HOLE AN UT WELL TO EAN.	D TAG FILL A	T 5195'. CIR( 5198'. DRIL	CULATE WE	LL. AND CIRC	ULATE
0:00 0:00 0:00	00:00	CLN	Clean Out	Hole	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR 5466' CIF	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR CCULATE HO	D TAG FILL A  5TH PLUG AT  LL AT 5386'. (  LLL UP FLOAT	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN	CULATE WELL UP PLUG	LL. AND CIRC OUT TO F	ULATE LOAT
0:00	00:00 00:00 luids Summary	CLN	Clean Out	Hole	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR 5466' CIF	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR CCULATE HO	D TAG FILL AT 5TH PLUG AT LL AT 5386'.	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN	CULATE WELL UP PLUG	LL. AND CIRC OUT TO F	ULATE LOAT
0:00	00:00	CLN	Clean Out	Hole	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR 5466' CIF	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( IILL UP FLOAT LE CLEAN AN ÆLL IN FOR N	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN	CULATE WELL UP PLUG	LL. AND CIRC OUT TO F MENT TO WIVEL. PU	ULATE LOAT PBTD AT ILL 10
0:00 0:00 eport FI	00:00 00:00 luids Summary	CLN	Clean Out	Hole	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( IILL UP FLOAT LE CLEAN AN ÆLL IN FOR N	T 5195'. CIRO 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN	CULATE WELL UP PLUG	LL. AND CIRC OUT TO F	ULATE LOAT PBTD AT ILL 10
0:00 0:00 <b>Bport FI</b>	00:00 00:00 luids Summary	CLN	Clean Out	Hole	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( IILL UP FLOAT LE CLEAN AN ÆLL IN FOR N	T 5195'. CIRO 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV	LL. AND CIRC OUT TO F MENT TO WIVEL. PU	ULATE LOAT PBTD AT ILL 10
0:00 0:00 eport FI afety Ch	00:00 00:00 luids Summary	CLN RUTB	Clean Out	Hole	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( IILL UP FLOAT LE CLEAN AN ÆLL IN FOR N	T 5195'. CIRO 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN	CULATE WELL UP PLUG	LL. AND CIRC OUT TO F MENT TO WIVEL. PU	ULATE LOAT PBTD AT ILL 10
0:00 0:00 eport Fl	00:00 00:00 luids Summary	CLN RUTB	Clean Out	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( IILL UP FLOAT LE CLEAN AN ÆLL IN FOR N	T 5195'. CIRO 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV	LL. AND CIRC OUT TO F MENT TO WIVEL. PU	ULATE LOAT PBTD AT ILL 10
0:00 0:00 eport Fl	00:00 00:00 luids Summary Fluid	CLN RUTB	Clean Out	Hole	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( IILL UP FLOAT LE CLEAN AN ÆLL IN FOR N	T 5195'. CIRO 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV	AND CIRC OUT TO FI MENT TO VIVEL. PU	ULATE LOAT PBTD AT ILL 10 bbi) Cased
0:00 0:00 eport Fl afety Ch Time	00:00  00:00  luids Summary Fluid  necks  Date	CLN RUTB	Clean Out	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( IILL UP FLOAT LE CLEAN AN /ELL IN FOR N	T 5195'. CIRO 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV	AND CIRC OUT TO FI MENT TO VIVEL. PU	ULATE LOAT PBTD AT ILL 10
0:00  D:00  D:00  Dinterport FI  Din	00:00  00:00  luids Summary Fluid  necks	CLN RUTB	Clean Out	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN.  AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( LIL UP FLOAT LE CLEAN AN FELL IN FOR N TOI	T 5195'. CIRO 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV	AND CIRC OUT TO FI MENT TO WIVEL. PU From lease (	ULATE LOAT PBTD AT ILL 10 bbi) Cased
0:00 0:00 eport Fl afety Ch Time	00:00  00:00  luids Summary Fluid  necks  Date	CLN RUTB	Clean Out Run Tubing To well (bbl)	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS	HE HOLE AN UT WELL TO EAN.  AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( LIL UP FLOAT LE CLEAN AN FELL IN FOR N TOI	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV	AND CIRC OUT TO FI MENT TO VIVEL. PU	ULATE LOAT PBTD AT ILL 10 bbi) Cased
0:00 0:00 eport Fl afety Ch Time	Date	CLN RUTB	Clean Out Run Tubing To well (bbl)	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR 5466' CIF STANDS From we	HE HOLE AN UT WELL TO EAN.  AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( LIL UP FLOAT LE CLEAN AN FELL IN FOR N TOI	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV  Comment  Btm (fti	AND CIRC OUT TO FI MENT TO VIVEL. PU From lease (	ULATE LOAT PBTD AT ILL 10 bbil) Cased No
0:00 0:00 eport FI	Date	Description  Zone	Clean Out Run Tubing To well (bbl)	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS,  From we	HE HOLE AN UT WELL TO EAN.  AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( LIL UP FLOAT LE CLEAN AN FELL IN FOR N TOI	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV  Comment  Btm (fti	AND CIRC OUT TO FI MENT TO WIVEL. PU From lease (	ULATE LOAT PBTD AT ILL 10 bbil) Cased No
D:00 D:00 D:00 D:00 D:00 D:00 D:00 D:00	Date	Description  Zone	Clean Out Run Tubing To well (bbl)	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS,  From we	HE HOLE AN UT WELL TO EAN.  AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A 5TH PLUG AT LL AT 5386'. ( LIL UP FLOAT LE CLEAN AN FELL IN FOR N TOI	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV  Comment  Btm (fit	AND CIRC OUT TO FI MENT TO VIVEL. PU From lease (	ULATE LOAT PBTD AT ILL 10 bbil) Cased No
D:00 D:00 D:00 D:00 D:00 D:00 D:00 D:00	Date  Date  Stage Ty	Description  Zone	Clean Out Run Tubing To well (bbl)	Hole g	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS,  From we	HE HOLE AN UT WELL TO EAN.  AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	Top (fikib)	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV  Comment  Btm (fit	Current State	ULATE LOAT PBTD AT ILL 10 bbit) Cased No
pport FI  Ifety Ch Time  gs	Date  Date  Stage Ty	Description  Zone	Clean Out Run Tubing To well (bbl)	Hole  g  Type	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS,  From we	HE HOLE AN UT WELL TO EAN.  AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A  5TH PLUG AT  LL AT 5386'. ( LIL UP FLOAT  LE CLEAN AN  FELL IN FOR N  Top (fikB)  Btm (fikB)	T 5195'. CIRC 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV  Comment  Btm (fit	Current State  (B)  Current Compar	ULATE LOAT PBTD AT ILL 10  bbi)  Cased No
port Fifety Ch	Date  Date  Stage Ty	Description  Zone	Clean Out Run Tubing To well (bbl)	Hole  g  Type	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS,  From we	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W	D TAG FILL A  5TH PLUG AT  LL AT 5386'. ( LIL UP FLOAT  LE CLEAN AN  FELL IN FOR N  Top (fikB)  Btm (fikB)	T 5195'. CIRC T 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.  Passe (bbi)	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV  Comment  Btm (fit	Current State	ULATE LOAT PBTD AT ILL 10  bbi)  Cased No
0:00  D:00  D:00  Diffety Ch  Time  Differential	Date  Date  Stage Ty	Description  Zone	Clean Out Run Tubing To well (bbl)	Hole  g  Type	RUN IN T CLEAN O HOLE CL RUN TBG COLLAR, 5466' CIF STANDS,  From we	HE HOLE AN UT WELL TO EAN. AND TAG FI AT 5451'. DR RCULATE HO AND SHUT W  (bbi)  (B)  OD (in)	D TAG FILL A  5TH PLUG AT  LL AT 5386'. ( LIL UP FLOAT  LE CLEAN AN  FELL IN FOR N  Top (fikB)  Btm (fikB)	T 5195'. CIRC T 5198'. DRIL CIRCULATE A COLLAR AN D LAY DOWN IIGHT.  Passe (bbi)	CULATE WE L UP PLUG AND CLEAN ID 15' OF CE N POWER SV  Comment  Btm (fit	Current State  (B)  Current Compar	ULATE LOAT PBTD AT ILL 10  bbl)  Cased No

# **Daily Completion and Workover**

Report # 3, Report Date: 11/7/2008

Well Config	40650000	Surrace L	egal Location		Count Date No.				_			
		MWSE	Sec 3, T6S-F	75W	Spud Date Notice 10/2/08		Field Nam			State/Provin	nce	
Deviated		Original I	B Elevation (ftKB 6,889		KB-Ground Distance		KB-Casing	ge Canyon Flange Distanc	∋ (ft)	Utah KB-Tubing I	Head Distanc	e (ff)
rimary Jol	ь Туре				14	.00		14.00				~ (14)
nitial Co	ompletion					Secondary Job Wireline	Туре					
ontractor												
labors FE Numbe	er	·····	T					Rig Number		814		
<del></del>	C08 03201	3	Total AFE Amou	nt		Daily Cost	00.000		Cum Cos	t To Date		
eather			T (°F)	Road Condition	on		30,920 Tubing Pres	sure (psi)	Casing Pressu	9	9,670	
	Job	Contact			Titl	lo.			Jasing Flessu	ure (psi)	Rig Time (h	rs)
						<u></u>				Mobile		
me Lo		ur (hrs) Code 1										
0:00	00:00	PULT	Pull Tubin	peration Q	WELLER	ESCUDE	001 0111	Comme	nt			
0:00	00:00			-				TBG OUT O				
	00.00	RUTB	Run Tubin	g	RUN IN TI BLEED CO	HE HOLE W	ITH NOTCH	HED COLLAR G ANCHOR, TRG WITH 1	R, 1 JT TB AND 165	G, SEATII JTS TBG.	NG NIPPL	E WITH
:00	00:00	RURP	Run Rods	& Pump	1			LOC AALLEL 1	4.1111111111111111111111111111111111111	-1015111111		
					SEAT PU	MP AND MA	KOD TOOLS AKE UP STL	AND RUN I	N THE HO	NELL OF	PUMP AN	ND ROE
					TO 500 PS	SI. HELD O	K. TBG FUI	T MHEN P	JMP WAS	LANDED.	RIG DO	MP UP WN AN
:00	00:00				1		• • •				- 55	
					T.P. 0 PSI.	MPING AT 5 , C.P. 0 PSI	:30 PM					
					6 SPM, 86	" STROKE TER 4260 B						
		1	1		LOAD WA	1 ⊏K 4260 B	RF2					
					PBTD 5466	6'.						
port Fi	uids Summary				PBTD 5466	6'.						
port Fi	luids Summary Fluid		To well (bbl)		PBTD 5466	6'.		To lease (hhl)				
	Fluid		To well (bbl)		PBTD 5466	6'.		To lease (bbi)		Fr	om lease (bb	1)
fety Ch	Fluid	Description	To well (bbl)		PBTD 5466	6'. I (bbl)		To lease (bbl)		Fr	om lease (bb	1)
fety Ch	Fluid		To well (bbl)		PBTD 5466	6'. I (bbl)		To lease (bbi)	C	Fr. Comment	om lease (bb	l)
fety Ch Time	Fluid		To well (bbl)		PBTD 5466	6'. I (bbl)		To lease (bbi)	C		om lease (bb	1)
fety Ch Time	Fluid		To well (bbl)	Туре	PBTD 5466	6'. I (bbl)	Top (ft)		c	Comment	om lease (bb	
fety Ch Time	Fluid  NGCKS  Date		To well (bbl)	Туре	PBTD 5466	6'. I (bbl)	Top (fti		C		om lease (bb	
fety Ch Time	Fluid  NGCKS  Date			Туре	From well	6'. ((bbl)	Top (ft)	<b>(B)</b>	C	Comment	om lease (bb	Cased
fety Ch Time	Fluid  BECKS  Date		To well (bbl)	Туре	PBTD 5466	6'. ((bbl)	Top (ft)		C	Comment  Btm (ftKB)	om lease (bb	Cased
ety Ch	Pluid  Date  Date  Date			Туре	From well Typ	6'. (bbl) e	Top (ft)	<b>(B)</b>	C	Comment  Btm (ftKB)		Cased
fety Ch Time	Pluid  Date  Date  Date	Description		Туре	From well	6'. (bbl) e	Top (ft)	<b>(B)</b>	C	Domment  Btm (ftKB)		Cased
fety Ch Time	Pluid  Date  Date  Date	Description			From well Typ	6'. (bbl) e		(8)	C	Domment  Btm (ftKB)	urrent Status	Cased
fety Ch Time	Pluid  Date  Date  Stage Typ	Description		Type  Top (ftKB)	From well Typ	6'. (bbl) e	Top (fit	(8)	C	Btm (ftKB)  Ci Stim/Tre	urrent Status	Cased
fety Ch Time	Pluid  Date  Date  Stage Tyl	Description		Top (ftKB)	From well  Typ  Top (ftKI	6'. (bbl) e		(8)	C	Btm (ftKB)  Ci Stim/Tre	urrent Status at Company	Cased
fety Ch Time	Pluid  Date  Date  Stage Typ	Description			From well  Typ  Top (ftKI	6'. (bbl) e	Btm (ftKB)	(8)		Btm (ftKB)  Ci Stim/Tre	urrent Status at Company led) (bbl)	Cased' No
port Fi	Pluid  Date  Date  Stage Tyl  Ole  Descrip	Description		Top (ftKB)	From well  Typ  Top (ftKI	6'. (bbl)  e	Btm (ftKB)	(B) Btm (ftKB)		Btm (ftKB)  Ci Stim/Tre	urrent Status at Company	Cased' No
fety Ch Time	Pluid  Date  Date  Stage Tyl	Description		Top (ftKB)	From well  Typ  Top (ftKI	6'.  (bbl)  e  B)  OD (in	Btm (ftKB)	(B) Btm (ftKB)		Btm (ftKB)  Ci Stim/Tre	at Company  ed) (bbl)  Btm (ftKB)	Cased' No

### STATE OF UTAH

	DIVISION OF OIL, GAS AND M	INING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SIINDE	NOTICES AND REPORT	C ON WELL C	UTU-77326  6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1 17PF ()F WEII	new wells, significantly deepen existing wells below cu aterals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT or CA AGREEMENT NAME: N/A
OIL WELL	GAS WELL OTHER		8. WELL NAME and NUMBER: FEDERAL 7-3D-65
2. NAME OF OPERATOR: BERRY PETROLEUM CO	OMPANY		9. API NUMBER:
3. ADDRESS OF OPERATOR:		PHONE NUMBER:	4301334065  10. FIELD AND POOL, OR WILDCAT:
4000 S. 4028 W. CIT	Y Roosevelt STATE UT ZIF	84066 (435) 722-1325	BRUNDAGE CANYON
	FSL, 2027' FEL BHL: 1700' FN	L, 1967' FEL	COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NWSE 3 T6S F	R5W	STATE:
			UTAH
11. CHECK APPI	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	□ .cupir	TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
· · · · · · · · · · · · · · · · · · ·	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
SUBSEQUENT REPORT	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ other: 1st. Sales
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
PLEASE NOTE THAT THI	E FEDERAL 7-3D-65 WENT TO	SALES ON NOVEMGER 11, 200	08.
IGNATURE JOLENE H	OLMES (COLONES)	TITLE REGULATORY & 11/11/2008	PERMING ASSISTANT
s space for State use only)			
		¥	RECEIVED

(5/2000)

(See Instructions on Reverse Side)

NOV 1 3 2008

DIV. OF OIL, GAS & MINING

				RTMEN	T OF I	OF UT NATURA ., GAS	L RESC					(hi	ighlight EASE D	chang ESIGNAT	TION AND			RM 8 ER:
													UTU- F INDIAN		O TEE OR TI	RIBE N	AME	
WEL	L COM	PLET	ION	OR F	REC	OMPL	ETIC	ON RE	EPOR	T AN	LOG							
1a. TYPE OF WELL		OI WI	LL X	<b>Z</b>	GAS WELL		DRY		OTHE	ER		7. (	JNIT or C	A AGRE	EMENT NA	AME		
b. TYPE OF WOR	HORIZ.	DE EN	EP-		RE- ENTRY		DIFF. RESVR.		ОТНЕ	≣R			FEDE	ERAL	NUMBER: 7-3D-0	65		
2. NAME OF OPER. Berry Peti		ompan	у										4301		35			
3. ADDRESS OF OR 4000 S. 402		CI	TY RO	oseve	lt	STATE	UT	ZIP <b>840</b>	)66		NUMBER: 35) 722-132				, OR WILD SE CAI		N	<u></u>
4. LOCATION OF W AT SURFACE:			27' E									11.	QTR/QT MERIDIA	R, SECT	ION, TOW	NSHIP,	RANGE	-1
		•										N	WSE	3	6S	5W	1	
AT TOP PRODU	CING INTERV	AL REPOR	TED BE	ELOW:									001112	,		40 0		
AT TOTAL DEPT	гн: 1700'	FNL,	1967'	FEL									соинт Duche			13. S		JTAH
14. DATE SPUDDE 10/8/2008	D: 15	5. DATE T. 10/14/				TE COMPL /7/2008		Α	BANDONE	D 🗌	READY TO PRO	DUCE 🔽		EVATION <b>875'</b>	NS (DF, RK	ß, RT,	GL):	
18. TOTAL DEPTH:				19. PLUG	BACK 1				20. IF M	IULTIPLE C	OMPLETIONS, H	* ?YAAM WC		PTH BRI		D		
22. TYPE ELECTRI	TVD 5.5		ICAL LO	OGS RUN (S	Submit o		5,466		<u> </u>	23.			<u> </u>			/D		
Dud	.Drd	uctro	nd	gua	ul /	GR				WAS WEL	L CORED? RUN? NAL SURVEY?		<b>✓</b>	YES TYES TES	] (Su	bmit an bmit rep bmit co	port)	
24. CASING AND L	INER RECOR	O (Report a	II string	gs set in we	ell)													
HOLE SIZE	SIZE/GRA	/DE	WEIGH	T (#/ft.)	то	P (MD)	вотто	M (MD)		EMENTER PTH	CEMENT TYPE NO. OF SACK		IRRY IE (BBL)	СЕМ	ENT TOP 1	** A	MOUNT	PULLED
13 1/2"	8 5/8	J-55	24	1#		0	33	34			G 2	00			276'			
7 7/8"	5 1/2	J-55	15.	.5#		0	5,4	198			PL2 2	30						
	ļ						,				50/50 4	60		-				
						. " .								+		+		
	<u> </u>											1		+				
25. TUBING RECO	RD		,	!			<u> </u>				<u> </u>	I		<u> </u>				
SIZE	DEPTH S		PACE	KER SET (M	MD)	SIZE		DEPTH	SET (MD)	PACKE	R SET (MD)	SIZE		DEPTH S	SET (MD)	PAG	CKER SE	ET (MD)
2 7/8"	5,4	75								<u> </u>								
26. PRODUCING IN				1		1		T			RATION RECORE		1					
FORMATION		TOP (	MD)	вотто	M (MD)	TOP	(TVD)	BOTTOM			L (Top/Bot - MD)	SIZE	NO. HO				ON STAT	us —
(A) Uteland B	·					<del> </del>				5,215	5,36		24		pen 🔽		eezed [	믁
© Black Sha							<u>.</u>			4,820 4,698	5,16		42		pen 🗸		eezed [	믁—
(D) Douglas (				<u> </u>		<u> </u>				3,930	4,70		40		pen 🗸		eezed [	┽
28. ACID, FRACTU		NT CEME	NT SOL	IFEZE ETC	•	1		L		0,000	7,20	2 .50	1	, 10	pen 🛂	Oqui	5626G L	
	INTERVAL								AMC	NINT AND T	YPE OF MATERI	Δ1						
Uteland Butt			Ero	o w/ 60	000	#'s sa	nd 8 0	97 bb			TTE OF INPAPERA							
Castle Peak				<del></del>		# 5 5a ) #'s s												
Black Shale	•				-	#'s sa												
29. ENCLOSED AT	TACHMENTS:		1100	3 117 00	,000	<i>n</i> 0 30	114 4 6	70Z 50	- Haia	····					30. WE	LL ST	ATUS:	
	RICAL/MECHA			O CEMENT	VERIFI	CATION	一	GEOLOGIO	C REPORT	=	DST REPORT		TIONAL					
													<b>₹EC</b>	E	VED			
(5/2000)							(CO	NTINUE	D ON B	ACK)			DEC	03	2008			

#### 31. INITIAL PRODUCTION

#### INTERVAL A (As shown in item #26)

DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION	OIL – BBL:	GAS MCF:	WATER - BBL:	PROD. METHOD:
11/7/2008	}	11/18/20	80		24	RATES: →	77	875	50	Pumping
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER – BBL:	INTERVAL STATUS: Producing
				INT	TERVAL B (As sho	wn in item #26)				
DATE FIRST PR	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS MCF:	WATER - BBL:	INTERVAL STATUS:
				INT	TERVAL C (As sho	wn in item #26)	<del></del>	<u> </u>	<del>_</del>	·!
DATE FIRST PRO	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS MCF:	WATER - BBL:	INTERVAL STATUS:
				INT	TERVAL D (As show	vn in item #26)		•		
DATE FIRST PRO	ODUCED:	TEST DATE:		HOURS TESTE	D:	TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth
				GR (NEW) MAHOGANY TGR3 DC BLACK SHALE CASTLE PEAK UTELAND WASATCH	1,225 1,875 2,973 3,767 4,408 4,737 5,188 5,400

35. ADDITIONAL REMARKS (Include plugging procedure)

36.	I hereby certify that the foregoing and attached information is complete and correct as		ailable re	
		docommod mom	 anabic ic	00.40.

NAME (PLEASE PRINT) SHELLEY E. CROZIER

TITLE REGULATORY & PERMITTING SPECIALIST

SIGNATURE

\_\_\_\_ DATE

11/25/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- · reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

Send to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<sup>\*</sup> ITEM 20: Show the number of completions if production is measured separately from two or more formations.

<sup>\*\*</sup> ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

End of Well Report



Berry Petroleum MS #0832-428-604

Federal 7-3D-65 Duchesne County, Utah Patterson 778

> Prepared By: Kristi Holguin

October 29, 2008

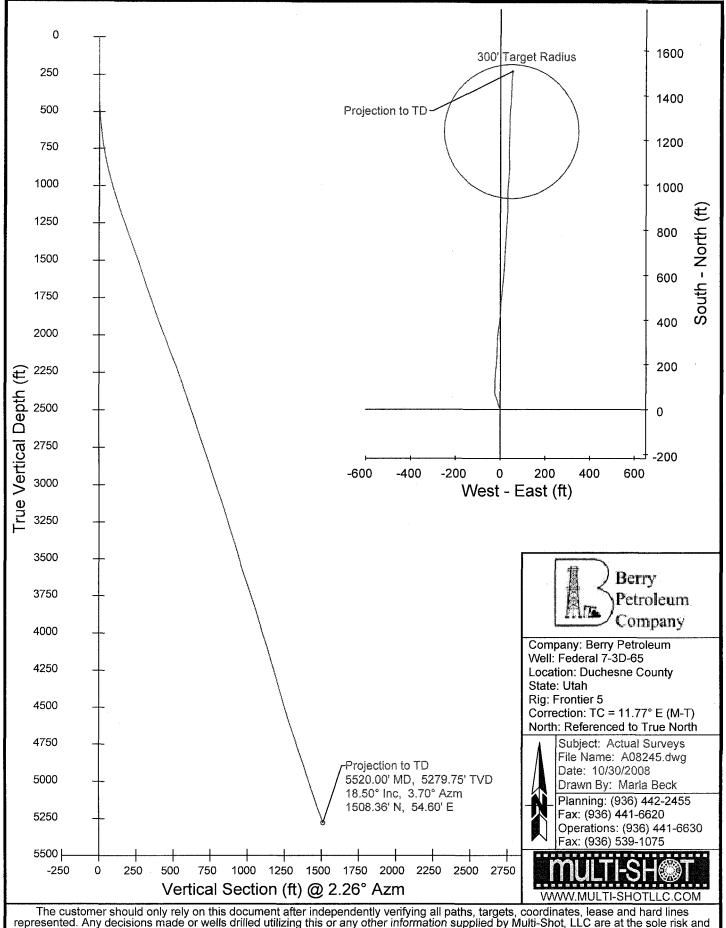
2511 North Frazier • Corroe, Texas 77301 P.O. Box 3047 • Conroe Texas 77305-3047 Office: 736) 441-6630 • Watts: (800) 769-5988 • Fax: (936) 539-1075 www.multi-sh

# Actual Well & Surveys 1

Daily Reports 2

BHA's 3

Support Staff 4



The customer should only rely on this document after independently verifying all paths, targets, coordinates, lease and hard lines represented. Any decisions made or wells drilled utilizing this or any other information supplied by Multi-Shot, LLC are at the sole risk and responsibility of the customer. Multi-Shot, LLC is not responsible for the accuracy of this schematic or the information contained herein.



Job Number: P08-245

Company: Berry Petroleum Lease/Well: Federal 7-3D-65 Location: Duchesne County

Rig Name: Patterson 778

RKB: 14'

G.L. or M.S.L.: 6874'

State/Country: Utah

Declination: TC = 11.77° E (M-T)
Grid: Referenced to True North

File name: F:\WELLPL~1\2008\P08240'\$\P08245\08245.SVY

Date/Time: 30-Oct-08 / 09:19 Curve Name: SDTRK #00

# WINSERVE PROPOSAL REPORT Minimum Curvature Method Vertical Section Plane 2.26 Vertical Section Referenced to Wellhead Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	inci Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O : Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
353.00	.20	325.00	353.00	.50	35	.49	.62	325.00	.06
415.00	1.10	335.60	414.99	1.14	66	1.11	1.31	329.78	1.46
476.00	3.00	342.20	475.95	3.19	-1.39	3.13	3.48	336.43	3.13
538.00	4.40	347.20	537.82	7.05	-2.41	6.95	7.45	341.10	2.32
599.00	5.80	344.00	598.58	12.30	-3.78	12.14	12.87	342.90	2.34
661.00	7.40	341.20	660.17	19.09	-5.93	18.84	19.99	342.74	2.63
722.00	8.80	341.20	720.56	27.23	-8.70	26.86	28.58	342.27	2.30
784.00	11.40	340.10	781.59	37.48	-12.32	36.96	39.45	341.81	4.20
845.00	13.40	341.20	841.16	49.84	-16.65	49.14	52.55	341.53	3.30
907.00	15.30	345.40	901.23	64.56	-21.02	63.68	67.90	341.96	3.49
968.00	15.10	354.20	960.10	80.25	-23.86	79.25	83.72	343.44	3.79
1030.00	16.40	359.80	1019.78	97.04	-24.70	95.99	100.14	345.72	3.22
1091.00	17.80	3.70	1078.08	114.96	-24.13	113.92	117.46	348.14	2.97
1155.00	19.20	4.70	1138.77	135.21	-22.64	134.21	137.09	350.50	2.24
1218.00	19.70	4.70	1198.18	156.12	-20.92	155.17	157.51	352.37	.79
1281.00	19.40	3.00	1257.55	177.15	-19.50	176.24	178.22	353.72	1.02
1344.00	20.20	5.40	1316.82	198.43	-17.93	197.57	199.24	354.84	1.81
1407.00	20.60	4.70	1375.87	220.30	-16.00	219.50	220.88	355.85	.74
1469.00	20.10	2.30	1434.00	241.82	-14.68	241.05	242.26	356.53	1.57
1532.00	18.80	.90	1493.41	262.78	-14.08	262.03	263.16	356.93	2.19
1595.00	18.10	.50	1553.17	282.70	-13.84	282.03	283.06	357.20	1.13
1658.00	18.70	.50 2.30	1612.95	302.60	-13.6 <del>4</del> -13.35	201.96 301.84	302.89	357.20 357.47	1.13
				300.00		30	3	- <del>-</del>	

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O Distance FT	S U R E Direction Deg	Dogleg Severity Deg/100	
1722.00 1785.00 1848.00 1911.00	18.30 19.20 20.40 19.40	6.80 8.60 7.60 6.80	1673.64 1733.30 1792.57 1851.81	322.83 342.89 364.02 385.29	-11.75 -9.03 -6.02 -3.33	322.11 342.27 363.50 384.86	323.04 343.01 364.07 385.31	357.92 358.49 359.05 359.50	2.32 1.70 1.98 1.65	
1974.00	20.10	6.50	1911.10	406.44	87	406.09	406.44	359.88	1.12	
2037.00 2101.00	21.10 21.10	4.70 1.90	1970.08 2029.79	428.50 451.49	1.29 2.61	428.21 451.24	428.50 451.50	.17 .33	1.88 1.57	
2164.00 2227.00	19.90 20.90	2.30 6.50	2088.80 2147.85	473.54 495.42	3.42 5.12	473.31 495.24	473.55 495.45	.41 .59	1.92 2.81	
2291.00	20.90	6.50	2207.64	518.11	7.70	518.01	518.16	.85	.00	
2354.00 2416.00	20.40 20.10	6.10 5.80	2266.59 2324.76	540.19 561.53	10.14 12.37	540.17 561.58	540.28 561.67	1.08 1.26	.82 .51	
2489.00	19.50	5.80	2393.44	586.13	14.87	586.26	586.32	1.45	.82	
2541.00	18.30	4.70	2442.64	602.90	16.41	603.08	603.13	1.56	2.41	
2603.00	18.50	4.40	2501.47	622.41	17.97	622.64	622.67	1.65	.36	
2666.00	18.30	2.60	2561.25	642.26	19.18	642.52	642.55	1.71	.96	
2728.00 2792.00	18.50 18.80	1.90 3.70	2620.08 2680.72	661.81 682.25	19.95 20.95	662.09 682.55	662.11 682.58	1.73 1.76	.48 1.01	
2854.00	18.30	3.30	2739.49	701.94	22.16	702.27	702.29	1.81	.83	
2917.00	18.70	3.30	2799.24	721.90	23.31	722.26	722.27	1.85	.63	
2980.00 3042.00	18.50 18.30	3.30 3.70	2858.95 2917.78	741.96 761.49	24.46 25.66	742.35 761.91	742.36 761.92	1.89 1.93	.32 .38	
3106.00	18.50	4.40	2978.51	781.43 781.64	27.09	782.10	782.11	1.98	.30 .47	
3169.00	18.70	4.40	3038.22	801.68	28.63	802.18	802.19	2.05	.32	
3232.00	18.10	3.70	3098.00	821.51	30.03	822.06	822.06	2.09	1.01	
3294.00	17.10	3.00	3157.09	840.23	31.13	840.80	840.80	2.12	1.65	
3358.00	16.90	3.30	3218.30	858.91	32.16	859.51	859.51	2.14	.34	
3421.00 3484.00	16.70 17.80	1.60 .20	3278.61 3338.77	877.10 895.78	32.94 33.23	877.72 896.39	877.72 896.40	2.15 2.12	.8 <b>4</b> 1.87	
3547.00	17.00	358.40	3398.87	914.67	33.00	915.26	915.26	2.12	1.40	
3610.00 3673.00	15.80 16.70	359.80 359.90	3459.29 3519.78	932.50 950.13	32.71 32.67	933.07 950.68	933.08 950.70	2.01 1.97	2.16 1.43	
3736.00	17.60	2.60	3579.98	968.70	33.08	969.25	969.27	1.96	1.91	
3799.00	19.40	4.70	3639.72	988.65	34.37	989.23	989.24	1.99	3.05	
3862.00	19.50	5.10	3699.12	1009.55	36.16	1010.19	1010.19	2.05	.26	
3925.00	18.30	4.70	3758.73	1029.88	37.91	1030.57	1030.58	2.11	1.92	
3988.00	16.90	4.40	3818.77	1048.87	39.42	1049.61	1049.61	2.15	2.23	
4051.00 4115.00	16.50 16.50	.09 .09	3879.12 3940.48	1066.94 1085.12	40.14 40.17	1067.70 1085.86	1067.70 1085.86	2.15 2.12	2.07 .00	
4178.00	16.50	359.10	4000.83	1103.12	40.17	1103.00	1103.86	2.12	.78	
4241.00	17.40	359.80	4061.03	1121.80	39.86	1122.50	1122.51	2.04	.86	
4304.00	16.50	359.80	4121.29	1140.17	39.80	1140.85	1140.86	2.00	1.43	

Page 2 SDTRK #00 File: F:\WELLPL~1\2008\P08240\S\P08245\08245.SVY

Measured Depth	Incl Angle	Drift Direction	True Vertical	N-S	E-W	Vertical Section	C L O Distance	S U R E Direction	Dogleg Severity
FT	Deg	Deg	Depth	FT	FT	FT_	FT	Deg	Deg/100
4367.00	16.40	359.10	4181.71	1158.01	39.63	1158.67	1158.68	1.96	.35
4430.00	16.70	3.30	4242.10	1175.94	40.01	1176.60	1176.62	1.95	1.96
4493.00	16.00	2.60	4302.55	1193.65	40.92	1194.33	1194.35	1.96	1.15
4556.00	15.80	.20	4363.14	1210.90	41.35	1211.59	1211.60	1.96	1.09
4620.00	15.70	3.30	4424.74	1228.26	41.88	1228.95	1228.97	1.95	1.32
4683.00	15.70	358.80	4485.39	1245.29	42.19	1245.98	1246.00	1.94	1.93
4746.00	17.20	359.10	4545.81	1263.12	41.86	1263.79	1263.82	1.90	2.38
4809.00	17.60	1.90	4605.93	1281.96	42.03	1282.62	1282.65	1.88	1.47
4872.00	17.90	.90	4665.93	1301.16	42.50	1301.82	1301.85	1.87	.68
4935.00	19.40	4.70	4725.62	1321.27	43.51	1321.96	1321.98	1.89	3.06
4999.00	18.50	5.40	4786.16	1341.97	45.34	1342.71	1342.74	1.93	1.45
5062.00	18.80	6.20	4845.85	1362.01	47.37	1362.82	1362.84	1.99	.63
5125.00	18.80	5.10	4905.49	1382.22	49.37	1383.09	1383.10	2.05	.56
5188.00	17.90	1.60	4965.28	1402.01	50.54	1402.91	1402.92	2.06	2.26
5251.00	18.30	359.50	5025.17	1421.58	50.73	1422.47	1422.48	2.04	1.21
5314.00	19.00	3.00	5084.86	1441.71	51.18	1442.61	1442.62	2.03	2.09
5377.00	19.20	1.90	5144.39	1462.30	52.06	1463.22	1463.23	2.04	.65
5441.00	19.00	3.30	5204.87	1483.22	53.01	1484.16	1484.17	2.05	.78
5470.00	18.50	3.70	5232.33	1492.53	53.58	1493.48	1493.49	2.06	1.78
Projection	n to TD					-			
5520.00	18.50	3.70	5279.75	1508.36	54.60	1509.34	1509.35	2.07	.00

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

(5/2000)

+(	JК	M:	y
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L	DIVISION OF OIL, GAS AND MI	NING	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill ne drill horizontal la	ew wells, significantly deepen existing wells below cur terals. Use APPLICATION FOR PERMIT TO DRILL f	rent bottom-hole depth, reenter plugged wells, or to orm for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER: See Attached List
2. NAME OF OPERATOR:			9. API NUMBER:
Berry Petroleum  3. ADDRESS OF OPERATOR:		PHONE NUMBER:	Attached  10. FIELD AND POOL, OR WILDCAT:
Rt 2 Box 7735	Roosevelt STATE UT ZIP		10. FIELD AND FOOL, OR WILDOAT.
4. LOCATION OF WELL	Section 1		and the fact that the first
FOOTAGES AT SURFACE:			соилту: Duchesne
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN:		STATE: <b>UTAH</b>
11. CHECK APPE	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	, 6 6 6
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
✓ SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
Produced wastewater from our enhanced oil recovery	n Berry Petroleum Company wel project(s) in the Brundage Cany	pertinent details including dates, depths, volun Is (see attached well list) will be on Field or they will be trucked t	or have been used for injection in
waste water disposal sites	<b>:</b>	CO	PY SENT TO OPERATOR
• R.N. Industries, Inc. Sec		Dat	e: 12-13-2012
MC & MC Disposal Sec.			
	ge Sec. 12, T5S, R19E, LaPoint 32, T1S, R1W, Roosevelt	Init	ials: <u>K5</u>
	osevelt Location Pleasant Valley		
	ont or 20250 W 2000 S Duchesn		
• Pro vvater 12223 Highlai		nonga Ca 91739 Location – Blue F <b>oved by the</b>	Bench
•		h Division of	
		as and Mining	
		1 1	
	Date:	2/11/2	
NAME (PLEASE PRINT) Krista Med	cham <b>By:</b>	Sr. Regulatory &	R Permitting Tech
+ to Into	MILLANAM	11/21/2012	
SIGNATURE Y W W W	3001 INV	DATE	
(This space for State use only)	ediral Approval of a for Federal a	this ation	RECEIVED
Facult	I for Calerol A	iells.	DEC 0 6 2012
1 Equire	a gor raine		
(5/2000)		tructions on Reverse Side)	/.OFO!L,GAS&MIN!NG

(See Instructions on Reverse Side)

API	Well Name	Lease
	#1 DLB 12-15-56	Fee
43-013-33447		Fee
43-013-33378	14-11-56 DLB	Fee
	B C UTE TRIBAL 14-15	14-20-H62-3412
	B C UTE TRIBAL 16-16	14-20-H62-3413
43-013-30829	B C UTE TRIBAL 8-21	14-20-H62-3414
43-013-30755	BC UTE TRIBAL 4-22	14-20-H62-3415
43-013-33216	BERRY TRIBAL 1-23-54	14-20-H62-4943
43-013-33867	BERRY TRIBAL 2-34D-54	14-20-H62-4955
43-013-33384	BERRY TRIBAL 4-34-54	14-20-H62-4955
43-013-33381	BERRY TRIBAL 7-23-54	14-20-H62-4943
43-013-33383	BERRY TRIBAL 7-34-54	14-20-H62-4955
43-013-33417	BERRY TRIBAL 8-23D-54	14-20-H62-4943
43-013-33465	BERRY TRIBAL 9-23-54	14-20-H62-4943
43-013-33382	BERRY TRIBAL 9-34-54	14-20-Н62-4955
43-013-33724	BERRY TRIBAL 10-23D-54	14-20-H62-4943
43-013-33422	BERRY TRIBAL 10-34D-54	14-20-Н62-4955
43-013-33725	BERRY TRIBAL 11-23D-54	14-20-H62-4943
43-013-33529	BERRY TRIBAL 11-34D-54	14-20-H62-4955
43-013-50527	BERRY TRIBAL 12-34D-54	14-20-Н62-4955
43-013-34043	BERRY TRIBAL 13-23-54	14-20-Н62-4943
43-013-33989	BERRY TRIBAL 14-23D-54	14-20-H62-4943
43-013-33217	BERRY TRIBAL 15-23-54	14-20-H62-4943
43-013-33411	BERRY TRIBAL 15-34-54	14-20-H62-4955
43-013-33464	BERRY TRIBAL 16-34D-54	14-20-Н62-4955
43-013-50524	FEDERAL 1-1D-64	UTU-77321
43-013-51142	FEDERAL 1-1D-65	UTU-77326
43-013-51232	FEDERAL 1-11-65	UTU-77330
43-013-50326	FEDERAL 10-1D-65	UTU-77326
	FEDERAL 10-2-65	UTU-77326
	FEDERAL 10-3-65	UTU-77326
	FEDERAL 10-6D-64	UTU-77322
	FEDERAL 11-10-65	UTU-77330
	FEDERAL 11-1D-65	UTU-77326
	FEDERAL 11-2D-65	UTU-77326
	FEDERAL 11-4D-64	UTU-77314
	FEDERAL 11-5D-64	UTU-8894A
	FEDERAL 11-6D-64	UTU-77322
<del></del>	FEDERAL 12-1D-65	UTU-77326
	FEDERAL 12-3D-64	UTU-77321
	FEDERAL 12-5D-64	UTU-8894A
	FEDERAL 12-6D-64	UTU-77322
	FEDERAL 1-2D-64	UTU-77321
	FEDERAL 1-2D-65	UTU-77326
	FEDERAL 13-1D-65	UTU-77326
	FEDERAL 13-5D-64	UTU-8894A
	FEDERAL 13-6D-64	UTU77322
43-013-50330	FEDERAL 14-1D-65	UTU-77326

43-013-50338	FEDERAL 14-5D-64	UTU-8894A
	FEDERAL 14-6D-64	UTU-77322
	FEDERAL 15-1D-65	UTU-77326
	FEDERAL 15-2D-65	UTU-77326
	FEDERAL 15-5D-65	UTU-77327
	FEDERAL 16-1D-65	UTU-77326
	FEDERAL 16-5-65	UTU-77327
43-013-50266	FEDERAL 1-6-64	UTU-77322
43-013-51233	FEDERAL 2-11D-65	UTU-77326
43-013-50759	FEDERAL 2-1D-65	UTU-77326
43-013-33385	FEDERAL 2-2-65	UTU-77326
43-013-34018	FEDERAL 2-2D-64	UTU-77321
43-013-34286	FEDERAL 2-6D-64	UTU-77322
43-013-51093	FEDERAL 3-12D-65	UTU-77326
43-013-50760	FEDERAL 3-1D-65	UTU-77326
43-013-34001	FEDERAL 3-2D-65	UTU-77326
43-013-50782	FEDERAL 3-4D-65	UTU-77327
43-013-34287	FEDERAL 3-5D-64	UTU-8894A
43-013-50268	FEDERAL 3-6D-64	UTU-77322
43-013-51094	FEDERAL 4-12D-65	UTU-77326
43-013-50736	FEDERAL 4-3D-64	UTU-77321
43-013-50521	FEDERAL 4-4D-65	UTU-77327
43-013-50263	FEDERAL 4-5D-64	UTU-8894A
43-013-50267	FEDERAL 4-6D-64	UTU-77322
43-013-51095	FEDERAL 5-12D-65	UTU-77330
43-013-50761	FEDERAL 5-1D-65	UTU-77326
43-013-33448	FEDERAL 5-3-64	UTU-77321
43-013-33450	FEDERAL 5-4-64	UTU-77326
43-013-33387	FEDERAL 5-4-65	UTU-77327
43-013-50259	FEDERAL 5-5D-64	UTU-8894A
43-013-33489	FEDERAL 5-6-65	UTU-77327
43-013-50269	FEDERAL 5-6D-64	UTU-77322
43-013-33491	FEDERAL 6-11-65	UTU-77330
43-013-51096	FEDERAL 6-12D-65	UTU-77330
43-013-32699	FEDERAL 6-1-65	UTU-77325
43-013-32557	FEDERAL 6-2-65	UTU-77326
43-013-50522	FEDERAL 6-3D-64	UTU-77321
43-013-34288	FEDERAL 6-5D-64	UTU-8894A
	FEDERAL 6-6D-64	UTU-77322
	FEDERAL 6-6D-65	UTU-77327
	FEDERAL 7-11D-65	UTU-77330
-	FEDERAL 7-1D-65	UTU-77325
<u>}</u>	FEDERAL 7-2D-64	UTU-77321
	FEDERAL 7-2D-65	UTU-77326
	FEDERAL 7-3D-65	UTU-77326
	FEDERAL 7-6D-64	UTU-77322
·	FEDERAL 8-11D-65	UTU-77326
	FEDERAL 8-1-64	UTU-77321
43-013-50350	FEDERAL 8-1D-65	UTU-77326

43-013-33581	FEDERAL 8-2D-64	UTU-77321
	FEDERAL 8-2D-65	UTU-77326
	FEDERAL 8-6D-64	UTU-77322
	FEDERAL 9-1D-65	UTU-77326
	FEDERAL 9-2D-65	UTU-77326
	FEDERAL 9-6D-64	UTU-77322
	FOY TRIBAL 11-34-55	UTU-76968
	FOY TRIBAL 12H-33-55	FEE
	LC FEE 10-28D-56	FEE
	LC FEE 10-31D-45	FEE
	LC FEE 1-22-57	FEE
	LC FEE 1-22D-56	FEE
	LC FEE 1-31D-45	FEE
	LC FEE 13-29-45	FEE
	LC FEE 15-23D-56	FEE
	LC FEE 16-16D-56	FEE
	LC FEE 2-20D-56	FEE
	LC FEE 6-12-57	FEE
	LC FEE 8-28D-56	FEE
	LC FEE 8-29-45	FEE
	LC FEE 9-12D-57	FEE
	LC FEE 9-19-56	FEE
	LC TRIBAL 10-16D-56	14-20-H62-6301
	LC TRIBAL 10-21-56	14-20-H62-3433
	LC TRIBAL 11-17-56	14-20-H62-6300
	LC TRIBAL 11-3D-56	14-20-H62-6435
	LC TRIBAL 12-22D-56	14-20-H62-6302
	LC TRIBAL 12H-6-56	14-20-H62-5500
	LC TRIBAL 13-16D-56	14-20-H62-5623
	LC TRIBAL 13H-3-56	14-20-H62-6435
	LC TRIBAL 14-14D-56	14-20-H62-6436
43-013-50834	LC TRIBAL 14-15D-56	14-20-H62-6435
	LC TRIBAL 14-2-56	14-20-H62-6472
	LC TRIBAL 15-15D-56	14-20-H62-6435
43-013-50606	LC TRIBAL 15-22D-56	14-20-H62-6302
43-013-50871	LC TRIBAL 15-26-56	14-20-H62-6471
43-013-51132	LC TRIBAL 16-30D-56	2OG-000-5500
43-013-33608	LC TRIBAL 1-9-56	14-20-H62-5657
43-013-33538	LC TRIBAL 2-16D-56	14-20-H62-5623
43-013-51429	LC TRIBAL 2-28D-45	2OG-000-5500
43-013-50866	LC TRIBAL 2-28D-56	14-20-H62-6473
43-013-50925	LC TRIBAL 2-5D-56	14-20-Н62-6432
43-013-50926	LC TRIBAL 2-9D-56	14-20-H62-5657
43-013-50598	LC TRIBAL 3-15D-56	14-20-H62-6435
43-013-33541	LC TRIBAL 3-17-56	14-20-H62-5655
43-013-50751	LC TRIBAL 3-21D-56	14-20-Н62-3433
43-013-50976	LC TRIBAL 3-34-45	2OG-000-5500
	LC TRIBAL 3-5-56	14-20-H62-6257
43-013-33539	LC TRIBAL 4-16-56	14-20-H62-6301

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42 012 50262	LC TRIDAL 4 27D 50	114 20 3362 6202
	LC TRIBAL 4-27D-56	14-20-H62-6303
	LC TRIBAL 5-14D-56	14-20-H62-6436
	LC TRIBAL 5-21D-56	14-20-H62-3433
	LC TRIBAL 5-23D-56	14-20-H62-6434
	LC TRIBAL 6-22D-56	14-20-H62-6302
	LC TRIBAL 6-27D-56	14-20-H62-6303
	LC TRIBAL 6-28-45	2OG-000-5500
	LC TRIBAL 7-27-45	2OG-000-5500
	LC TRIBAL 7-3-56	14-20-H62-5656
	LC TRIBAL 8-16D-56	14-20-H62-6301
-	LC TRIBAL 8-28-46	14-20-H62-5500
	LC TRIBAL 8-30D-56	2OG-000-5500
	LC TRIBAL 8-4-56	14-20-H62-6256
	LC TRIBAL 9-15D-56	14-20-H62-6435
	LC TRIBAL 9-28D-45	2OG-000-5500
	LC TRIBAL 9-8D-56	2OG-000-5500
	LC TRIBAL 9-9D-56	2OG-000-5500
	LC Tribal 11-24-45	2OG-000-5500
	MOON TRIBAL 10-2-54	14-20-Н62-3404
	MOON TRIBAL 10-27-54	14-20-Н62-3375
43-013-32845	MOON TRIBAL 11-27-54	14-20-H62-3375
	MOON TRIBAL 12-23-54	14-20-H62-4943
43-013-32541	MOON TRIBAL 12-27-54	14-20-H62-3375
43-013-32937	MOON TRIBAL 1-27-54	14-20-H62-3375
43-013-32801	MOON TRIBAL 13-27-54	14-20-Н62-3375
43-013-32408	MOON TRIBAL 14-27-54	14-20-H62-3375
43-013-32846	MOON TRIBAL 15-27-54	14-20-Н62-3375
43-013-32927	MOON TRIBAL 16-23-54	14-20-H62-4943
	MOON TRIBAL 16-27D-54	14-20-H62-3375
43-013-32613	MOON TRIBAL 3-27-54	14-20-H62-3375
43-013-32800	MOON TRIBAL 4-23-54	14-20-H62-4943
43-013-32938	MOON TRIBAL 5-23-54	14-20-H62-4943
43-013-32802	MOON TRIBAL 5-27-54	14-20-H62-3375
43-013-32843	MOON TRIBAL 6-23-54	14-20-H62-4943
43-013-32407	MOON TRIBAL 6-27-54	14-20-H62-3375
43-013-33365	MOON TRIBAL 7-27D-54	14-20-H62-3375
	MOON TRIBAL 8-27-54	14-20-Н62-3375
43-013-32782	MYRIN TRIBAL 14-19-55	14-20-H62-5058
43-013-32934	MYRIN TRIBAL 16-19-55	14-20-H62-5058
43-013-33152	NIELSEN FEE 13-11-56	14-20-H62-5620
43-013-32737	NIELSEN MARSING 13-14-56	FEE
43-013-31131	S BRUNDAGE CYN UTE TRIBAL 4-27	14-20-Н62-3375
43-013-30948	S BRUNDAGE UTE TRIBAL 1-30	14-20-H62-3417
43-013-30933	S COTTONWOOD RIDGE UTE TRIBAL 1-19	14-20-H62-4919
43-007-30890	SCOFIELD THORPE 22-41X RIG SKID	FEE
43-007-31001	SCOFIELD-THORPE 23-31	FEE
43-007-30991	SCOFIELD-THORPE 35-13	FEE
43-013-50686	SFW FEE 14-10D-54	FEE
43-013-50247	SFW FEE 15-10-54	FEE

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	SFW TRIBAL 10-10D-54	14-20-H62-5517
	SFW TRIBAL 9-10D-54	14-20-H62-5517
	SOWERS CANYON 9-27	14-20-H62-4753/UTU-76967
	SOWERS CYN UTE TRIBAL 3-26	14-20-H62-3444
	ST TRIBAL 1-15D-54	14-20-H62-4661
	ST TRIBAL 2-15-54	14-20-H62-4661
	ST TRIBAL 3-15D-54	14-20-H62-4661
	ST TRIBAL 4-15-54	14-20-H62-4661
	ST TRIBAL 5-15D-54	14-20-H62-4661
	ST TRIBAL 6-15-54	14-20-H62-4661
	ST TRIBAL 7-15D-54	14-20-H62-4661
43-013-32851	ST TRIBAL 8-15-54	14-20-H62-4661
43-013-33951	ST TRIBAL 9-15D-54	14-20-H62-4661
43-013-50245	STATE TRIBAL 16-10-54	14-20-H62-5517
43-013-32953	STATE TRIBAL 5-18-54	14-20-Н62-5035
43-013-32952	STATE TRIBAL 7-18-54	14-20-H62-5035
	T C UTE TRIBAL 9-23X	14-20-H62-3443
43-013-31699	TABBY CANYON 1-21	14-20-H62-4825/UTU-76965
43-013-31700	TABBY CANYON 8-22	14-20-H62-4754/UTU-76966
43-013-30945	TABBY CYN UTE TRIBAL 1-25	14-20-Н62-3537
43-013-33121	TAYLOR FEE 13-22-56	FEE
43-013-33140	TAYLOR FEE 7-14-56	FEE
43-013-32738	TAYLOR HERRICK 10-22-56	FEE
43-013-51271	UTE FEE 14-9D-54	FEE
43-013-51272	UTE FEE 15-9D-54	FEE
43-013-33720	UTE FEE 2-13-55	FEE
43-013-51259	UTE FEE 9-9-54	FEE
43-013-33055	UTE TRIBAL 10-12-55	14-20-H62-5056
43-013-33205	UTE TRIBAL 10-14-54	14-20-H62-5033
43-013-32601	UTE TRIBAL 10-14-55	14-20-H62-5016
43-013-32587	UTE TRIBAL 10-15-54	14-20-H62-4661
43-013-32977	UTE TRIBAL 10-15-55	14-20-H62-5017
43-013-33129	UTE TRIBAL 10-16-54	14-20-H62-3413
43-013-32345	UTE TRIBAL 10-16-55	14-20-H62-5024
43-013-33133	UTE TRIBAL 10-17-54	14-20-H62-4731
43-013-33300	UTE TRIBAL 10-18-54	14-20-H62-4919
43-013-32717	UTE TRIBAL 10-19-54	14-20-H62-3528
	UTE TRIBAL 10-20-54	14-20-H62-3529
	UTE TRIBAL 10-21-55	14-20-H62-4825
	UTE TRIBAL 10-22-54	14-20-H62-3415
	UTE TRIBAL 10-22D-55	14-20-H62-4754
	UTE TRIBAL 10-23D-55	14-20-H62-3443
	UTE TRIBAL 10-24-54	14-20-H62-4716
	UTE TRIBAL 10-24D-55	14-20-H62-4749
	UTE TRIBAL 10-25-55	14-20-H62-3537
	UTE TRIBAL 10-26D-54	14-20-H62-4954
	UTE TRIBAL 10-26D-55	14-20-H62-3444
	UTE TRIBAL 10-27D-55	14-20-H62-4753
	UTE TRIBAL 10-28-54	14-20-H62-4740
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42 012 22410	XITE TOTAL 10 20 CC	11.00 11.00
		14-20-H62-5019
	UTE TRIBAL 10-29-54	14-20-H62-5036
	UTE TRIBAL 10-29D-55	14-20-H62-5020
	UTE TRIBAL 10-31-54	14-20-H62-4946
	UTE TRIBAL 10-31-55	14-20-H62-5060
	UTE TRIBAL 10-32-54	14-20-H62-4947
	UTE TRIBAL 10-33-54	14-20-H62-4948
	UTE TRIBAL 10-35-55	14-20-H62-4945
	UTE TRIBAL 10-36D-55	14-20-H62-4944
	UTE TRIBAL 10S-21D-54	14-20-H62-3141
	UTE TRIBAL 11-12-55	14-20-H62-5518
	UTE TRIBAL 11-13-54	14-20-H62-4894
	UTE TRIBAL 11-13-55	14-20-H62-4845
	UTE TRIBAL 11-14-55	14-20-H62-5016
	UTE TRIBAL 11-15-54	14-20-H62-4661
	UTE TRIBAL 11-15-55	14-20-H62-5017
	UTE TRIBAL 11-16-54	14-20-H62-3413
	UTE TRIBAL 11-17	14-20-H62-4731
	UTE TRIBAL 11-19	14-20-H62-3528
	UTE TRIBAL 11-20	14-20-H62-3529
	UTE TRIBAL 11-20-55	14-20-H62-5018
	UTE TRIBAL 11-21-54	14-20-H62-3414
	UTE TRIBAL 11-22-54	14-20-H62-3415
	UTE TRIBAL 11-22-55	14-20-H62-4754
	UTE TRIBAL 11-23-55	14-20-H62-3443
43-013-31909	UTE TRIBAL 11-24	14-20-H62-4749
	UTE TRIBAL 11-25	14-20-H62-3537
43-013-32856	UTE TRIBAL 11-25-54	14-20-H62-3440
	UTE TRIBAL 11-25-56	14-20-H62-5065
43-013-32844	UTE TRIBAL 11-26-54	14-20-H62-4954
	UTE TRIBAL 11-26D-55	14-20-H62-3444
43-013-32615	UTE TRIBAL 11-27-55	14-20-H62-4753
43-013-32192	UTE TRIBAL 11-28	14-20-H62-4740
43-013-34057	UTE TRIBAL 11-28-55	14-20-H62-5019
43-013-32563	UTE TRIBAL 11-29-54	14-20-H62-5032
43-013-32512	UTE TRIBAL 11-30-54	14-20-H62-4662
43-013-32530	UTE TRIBAL 11-31-54	14-20-H62-4946
43-013-33793	UTE TRIBAL 11-32D-54	14-20-H62-4947
43-013-32522	UTE TRIBAL 11-33-54	14-20-H62-4948
43-013-33783	UTE TRIBAL 11-35-55	14-20-H62-5053
43-013-33214	UTE TRIBAL 11-36D-55	14-20-H62-4944
43-013-33769	UTE TRIBAL 1-14D-54	14-20-Н62-5033
43-013-33279	UTE TRIBAL 1-14D-55	14-20-H62-5016
43-013-32664	UTE TRIBAL 11-5-54	14-20-H62-5516
43-013-32978	UTE TRIBAL 1-15-55	14-20-H62-5017
43-013-33128	UTE TRIBAL 1-16-54	14-20-Н62-3413
43-013-30966	UTE TRIBAL 1-20	14-20-Н62-3529
43-013-32414	UTE TRIBAL 1-20-55	14-20-H62-5018
43-013-32369	UTE TRIBAL 12-14-54	14-20-Н62-5033
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43-013-50476       UTE TRIBAL 12-14D-55       14-20-H62-4661         43-013-32205       UTE TRIBAL 12-15       14-20-H62-5017         43-013-32981       UTE TRIBAL 12-15-55       14-20-H62-3413	
43-013-32981 UTE TRIBAL 12-15-55 14-20-H62-3413	
43-013-33131 UTE TRIBAL 12-16-54 14-20-H62-4919	
43-013-32146 UTE TRIBAL 12-17 14-20-H62-5035	
43-013-33077 UTE TRIBAL 12-18-54 14-20-H62-3528	
43-013-32716 UTE TRIBAL 12-19-54 14-20-H62-3529	
43-013-32866 UTE TRIBAL 12-20-54 14-20-H62-3414	
43-013-32385 UTE TRIBAL 12-21-54 14-20-H62-4825	
43-013-33694 UTE TRIBAL 12-21D-55 14-20-H62-4754	
43-013-32616 UTE TRIBAL 12-22-55 14-20-H62-3443	
43-013-33908 UTE TRIBAL 12-23D-55 14-20-H62-4749	
43-013-33134 UTE TRIBAL 12-24D-55 14-20-H62-4749	
43-013-32769 UTE TRIBAL 12-25-55 14-20-H62-3537	
43-013-33801 UTE TRIBAL 12-26D-54 14-20-H62-3444	
43-013-34118 UTE TRIBAL 12-26D-55 14-20-H62-4740	
43-013-32765 UTE TRIBAL 12-28-54 14-20-H62-5019	
43-013-33645 UTE TRIBAL 12-28D-55 14-20-H62-5036	
43-013-32572 UTE TRIBAL 12-29-54 14-20-H62-5020	
43-013-33418 UTE TRIBAL 12-29D-55 14-20-H62-5020	
43-013-33215 UTE TRIBAL 1-22D-54 14-20-H62-3415	-
43-013-33626 UTE TRIBAL 1-22D-55 14-20-H62-4754	
43-013-33907 UTE TRIBAL 12-31D-54 14-20-H62-4946	
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43-013-33090 UTE TRIBAL 12-33-54 14-20-562-4948	
43-013-32524 UTE TRIBAL 1-23-55 14-20-H62-3443	
43-013-33782 UTE TRIBAL 12-35D-55 14-20-H62-4945	. "
43-013-32354 UTE TRIBAL 12-36-55 14-20-H62-4944	
43-013-32259 UTE TRIBAL 1-24-55 14-20-H62-4749	
43-013-31912 UTE TRIBAL 1-26 14-20-H62-3444	
43-013-33680 UTE TRIBAL 1-26D-54 14-20-H62-4943	
43-013-32416 UTE TRIBAL 1-27-55 14-20-H62-4753	
43-013-31549 UTE TRIBAL 1-28 14-20-H62-4740	
43-013-33784 UTE TRIBAL 1-28D-55 14-20-H62-5019	
43-013-33184 UTE TRIBAL 12Q-25-55 14-20-H62-3537	
43-013-32599 UTE TRIBAL 13-13-55 14-20-H62-4845	
43-013-33364 UTE TRIBAL 13-14-54 14-20-H62-5033	
43-013-32600 UTE TRIBAL 13-14-55 14-20-H62-5016	
43-013-32526 UTE TRIBAL 1-31-54 14-20-H62-4946	
43-013-32602 UTE TRIBAL 13-15-55 14-20-H62-5017	
43-013-33039 UTE TRIBAL 13-15D-54 14-20-H662-4661	
43-013-32511 UTE TRIBAL 13-16-54 14-20-H62-3413	
43-013-31546 UTE TRIBAL 13-17 14-20-H62-4919	
43-013-32571 UTE TRIBAL 13-18-54 14-20-H62-5032	
43-013-31284 UTE TRIBAL 13-19 14-20-H62-3528	
43-013-32206 UTE TRIBAL 13-20 14-20-H62-3529	
43-013-32841 UTE TRIBAL 13-20-55 14-20-H62-5018	_
43-013-33113 UTE TRIBAL 13-21-54 14-20-H62-3414	

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	UTE TRIBAL 13-22	14-20-H62-3415
	UTE TRIBAL 13-22D-55	14-20-Н62-4754
	UTE TRIBAL 13-23-55	14-20-Н62-3443
	UTE TRIBAL 13-24	14-20-H62-4749
	UTE TRIBAL 13-25	14-20-H62-3537
	UTE TRIBAL 13-26-54	14-20-H62-4954
	UTE TRIBAL 13-26D-55	14-20-H62-3444
	UTE TRIBAL 13-28-54	14-20-H62-4740
	UTE TRIBAL 13-28D-55	14-20-H62-5019
	UTE TRIBAL 13-29-54	14-20-H62-5032
43-013-33501	UTE TRIBAL 1-31-55	14-20-H62-5060
43-013-30872	UTE TRIBAL 1-32R	14-20-H62-4947
43-013-32185	UTE TRIBAL 1-33	14-20-H62-4948
43-013-32409	UTE TRIBAL 13-30-54	14-20-H62-4662
43-013-32688	UTE TRIBAL 13-31-54	14-20-H62-4946
43-013-32692	UTE TRIBAL 13-32-54	14-20-H62-4947
43-013-32742	UTE TRIBAL 13-33-54	14-20-H62-4948
43-013-32806	UTE TRIBAL 13-35-54	14-20-H62-5053
43-013-34117	UTE TRIBAL 13-35D-55	14-20-H62-4945
43-013-33624	UTE TRIBAL 13-36D-55	14-20-H62-4944
43-013-32186	UTE TRIBAL 1-34	14-20-H62-4955
43-013-50408	UTE TRIBAL 1-34D-55	14-20-H62-5028
43-013-32567	UTE TRIBAL 1-35-54	14-20-H62-5032
43-013-33967	UTE TRIBAL 1-35D-55	14-20-H62-4945
43-013-32760	UTE TRIBAL 1-36-55	14-20-H62-4944
43-013-33380	UTE TRIBAL 13H-16-55	14-20-H62-5024
43-013-33112	UTE TRIBAL 14-14-54	14-20-H62-5033
43-013-32979	UTE TRIBAL 14-15-55	14-20-H62-5017
43-013-33123	UTE TRIBAL 14-16-54	14-20-H62-3413
43-013-32147	UTE TRIBAL 14-17	14-20-H62-4919
43-013-32984	UTE TRIBAL 14-18-55	14-20-H62-5057
43-013-32690	UTE TRIBAL 14-19-54	14-20-H62-3528
43-013-32702	UTE TRIBAL 14-20-54	14-20-H62-3529
43-013-32384	UTE TRIBAL 14-21-54	14-20-H62-3414
43-013-32593	UTE TRIBAL 14-22-54	14-20-H62-3415
43-013-33717	UTE TRIBAL 14-22D-55	14-20-H62-4754
43-013-33915	UTE TRIBAL 14-23D-55	14-20-H62-3443
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32988	UTE TRIBAL 14-24-56	14-20-H62-5064
43-013-33912	UTE TRIBAL 14-24D-55	14-20-H62-4749
43-013-32776	UTE TRIBAL 14-25-54	14-20-H62-3440
43-013-32750	UTE TRIBAL 14-25-55	14-20-H62-3537
43-013-33673	UTE TRIBAL 14-26D-54	14-20-H62-4954
43-013-33361	UTE TRIBAL 14-26D-55	14-20-H62-3444
43-013-33684	UTE TRIBAL 14-27D-55	14-20-H62-4753
43-013-32348	UTE TRIBAL 14-28-55	14-20-H62-5019
43-013-33278	UTE TRIBAL 14-28D-54	14-20-H62-5036
43-013-33042	UTE TRIBAL 14-31D-54	14-20-H62-4946
43-013-32523	UTE TRIBAL 14-32-54	14-20-H62-4947
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42 012 22002 LITE TRIDAL 14 22 54	114 00 1750 4040
43-013-33093 UTE TRIBAL 14-33-54	14-20-H62-4949
43-013-33955 UTE TRIBAL 14-35D-55	14-20-H62-4945
43-013-32355 UTE TRIBAL 14-36-55	14-20-H62-4944
43-013-33277 UTE TRIBAL 14Q-28-54	14-20-H62-4740
43-013-33479 UTE TRIBAL 14Q-30-54	14-20-H62-4662
43-013-33212 UTE TRIBAL 15-13D-55	14-20-H62-4845
43-013-32971 UTE TRIBAL 15-15-54	14-20-H62-4661
43-013-32855 UTE TRIBAL 15-15-55	14-20-H62-5017
43-013-31648 UTE TRIBAL 15-16	14-20-H62-3413
43-013-31649 UTE TRIBAL 15-17	14-20-H62-4731
43-013-32358 UTE TRIBAL 15-17-55	14-20-H62-5025
43-013-32148 UTE TRIBAL 15-18	14-20-H62-4919
43-013-31832 UTE TRIBAL 15-19	14-20-H62-3528
43-013-32386 UTE TRIBAL 15-20-54	14-20-H62-3529
43-013-33357 UTE TRIBAL 15-21-55	14-20-H62-3414
43-013-32617 UTE TRIBAL 15-22-55	14-20-H62-4754
43-013-34116 UTE TRIBAL 15-22D-54	14-20-H62-3415
43-013-31671 UTE TRIBAL 15-23	14-20-H62-3443
43-013-31129 UTE TRIBAL 15-24R	14-20-H62-4749
43-013-32271 UTE TRIBAL 15-25-55	14-20-H62-3537
43-013-33768 UTE TRIBAL 15-26D-54	14-20-H62-4954
43-013-33362 UTE TRIBAL 15-26D-55	14-20-H62-3444
43-013-32339 UTE TRIBAL 15-27-55	14-20-H62-4753
43-013-32389 UTE TRIBAL 15-28-54	14-20-H62-4740
43-013-32561 UTE TRIBAL 15-29-54	14-20-H62-5036
43-013-32382 UTE TRIBAL 15-30-54	14-20-H62-4662
43-013-32743 UTE TRIBAL 15-31-54	14-20-H62-4946
43-013-32666 UTE TRIBAL 15-32-54	14-20-H62-4947
43-013-32768 UTE TRIBAL 15-33-54	14-20-H62-4948
43-013-32804 UTE TRIBAL 15-35-54	14-20-H62-5053
43-013-33954 UTE TRIBAL 15-35D-55	14-20-H62-4945
43-013-33049 UTE TRIBAL 15-36-55	14-20-H62-4944
43-013-33327 UTE TRIBAL 16-13D-55	14-20-H62-4845
43-013-32272 UTE TRIBAL 16-14-55	14-20-H62-5016
43-013-32588 UTE TRIBAL 16-15-54	14-20-H62-4661
43-013-32757 UTE TRIBAL 16-16-55	14-20-H62-5024
43-013-33132 UTE TRIBAL 16-17-54	14-20-H62-4731
43-013-31650 UTE TRIBAL 16-18	14-20-H62-4919
43-013-32691 UTE TRIBAL 16-19-54	14-20-H62-3528
43-013-32739 UTE TRIBAL 16-20-54	14-20-H62-3529
43-013-32381 UTE TRIBAL 16-21-54	14-20-H62-3414
43-013-32842 UTE TRIBAL 16-22-54	14-20-H62-3415
43-013-33267 UTE TRIBAL 16-22D-55	14-20-H62-4754
43-013-33046 UTE TRIBAL 16-23-55	14-20-H-62-3443
43-013-32775 UTE TRIBAL 16-24-54	14-20-H62-4716
43-013-32672 UTE TRIBAL 16-24-55	14-20-H62-3440
43-013-32759 UTE TRIBAL 16-25-55	14-20-H62-3537
43-013-34042 UTE TRIBAL 16-26-54	14-20-H62-4954
43-013-33965 UTE TRIBAL 16-26D-55	14-20-H62-3444

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	UTE TRIBAL 16-27D-55	14-20-H62-4753
	UTE TRIBAL 16-28D-54	14-20-H62-4740
	UTE TRIBAL 16-29-54	14-20-H62-5036
	UTE TRIBAL 16-29-55	14-20-H62-5020
	UTE TRIBAL 16-3-54	14-20-H62-4778
	UTE TRIBAL 16-30-54	14-20-H62-4662
	UTE TRIBAL 16-31D-54	14-20-H62-4946
	UTE TRIBAL 16-32D-54	14-20-H62-4947
	UTE TRIBAL 16-33-54	14-20-H62-4948
	UTE TRIBAL 16-35-55	14-20-H62-4945
	UTE TRIBAL 16-36-55	14-20-Н62-4944
43-013-33393	UTE TRIBAL 1A-29-54	14-20-H62-5036
43-013-33186	UTE TRIBAL 1I-36-55	14-20-Н62-4944
43-013-33111	UTE TRIBAL 2-14-54	14-20-H962-5033
	UTE TRIBAL 2-19	14-20-H62-4919
	UTE TRIBAL 2-20-54	14-20-H62-3529
43-013-33117	UTE TRIBAL 2-21-55	14-20-H62-4825
43-013-32591	UTE TRIBAL 2-22-54	14-20-H62-3415
43-013-32604	UTE TRIBAL 2-22-55	14-20-H62-4754
43-013-33045	UTE TRIBAL 2-23-55	14-20-H62-3443
43-013-32569	UTE TRIBAL 2-24-54	14-20-H62-4716
43-013-31833	UTE TRIBAL 2-25	14-20-H62-3537
43-013-32868	UTE TRIBAL 2-26-54	14-20-H62-4954
43-013-33979	UTE TRIBAL 2-26D-55	14-20-H62-3444
43-013-32179	UTE TRIBAL 2-27	14-20-H62-3375
43-013-33628	UTE TRIBAL 2-27D-55	14-20-H62-4753
43-013-32763	UTE TRIBAL 2-28-54	14-20-H62-4740
43-013-33714	UTE TRIBAL 2-29D-55	14-20-H62-5036
43-013-32680	UTE TRIBAL 2-30-55	14-20-H62-5059
43-013-32894	UTE TRIBAL 2-30D-54	14-20-H62-4662
43-013-32762	UTE TRIBAL 2-31-54	14-20-H62-4946
43-013-32935	UTE TRIBAL 2-31-55	14-20-H62-5060
43-013-32803	UTE TRIBAL 2-32-54	14-20-H62-4947
43-013-32350	UTE TRIBAL 2-32-55	14-20-H62-5026
43-013-32898	UTE TRIBAL 2-33D-54	14-20-H62-4948
43-013-32187	UTE TRIBAL 2-35	14-20-H62-4945
43-013-32422	UTE TRIBAL 2-36-55	14-20-H62-4944
43-013-32663	UTE TRIBAL 3-10-54	14-20-H62-5517
	UTE TRIBAL 3-14-55	14-20-H62-5016
	UTE TRIBAL 3-14D-54	14-20-H62-5033
	UTE TRIBAL 3-19	14-20-H62-3528
	UTE TRIBAL 3-20-54	14-20-H62-4919
	UTE TRIBAL 3-21-54	14-20-H62-3414
	UTE TRIBAL 3-21-55	14-20-H62-4825
	UTE TRIBAL 3-22-54	14-20-H62-3415
	UTE TRIBAL 3-22-55	14-20-H62-4754
<b></b>	UTE TRIBAL 3-23-55	14-20-H62-3443
	UTE TRIBAL 3-24R-55 (REENTRY)	14-20-H62-4749
	UTE TRIBAL 3-25	14-20-H62-3537
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42 012 22002 HTE TRIDAL 2 25 56	14.00 1100 5005
43-013-32993 UTE TRIBAL 3-25-56	14-20-H62-5065
43-013-33681 UTE TRIBAL 3-26D-54	14-20-H62-4954
43-013-32417 UTE TRIBAL 3-27-55	14-20-H62-4753
43-013-32261 UTE TRIBAL 3-28-54	14-20-H62-4740
43-013-33723 UTE TRIBAL 3-29-55	14-20-H62-5020
43-013-32625 UTE TRIBAL 3-30-54	14-20-H62-4662
43-013-32862 UTE TRIBAL 3-30-55	14-20-H62-5059
43-013-32527 UTE TRIBAL 3-31-54	14-20-H62-4946
43-013-32410 UTE TRIBAL 3-32-54	14-20-H62-4947
43-013-33363 UTE TRIBAL 3-32D-55	14-20-H62-5206
43-013-32412 UTE TRIBAL 3-33-54	14-20-H62-4948
43-013-33888 UTE TRIBAL 3-35D-55	14-20-H62-5053
43-013-33888 UTE TRIBAL 3-35D-55	14-20-H62-4945
43-013-32751 UTE TRIBAL 3-36-55	14-20-H62-4944
43-013-33185 UTE TRIBAL 3G-31-54	14-20-H62-4946
43-013-33270 UTE TRIBAL 4-14D-54	14-20-H62-5033
43-013-32972 UTE TRIBAL 4-19-54	14-20-H62-3528
43-013-32621 UTE TRIBAL 4-20-54	14-20-H62-4919
43-013-33549 UTE TRIBAL 4-20D-55	14-20-H62-5018
43-013-32378 UTE TRIBAL 4-21-54	14-20-H62-3414
43-013-33044 UTE TRIBAL 4-22-55	14-20-H62-4754
43-013-33627 UTE TRIBAL 4-23D-55	14-20-H62-3443
43-013-32573 UTE TRIBAL 4-24-54	14-20-H62-4716
43-013-33726 UTE TRIBAL 4-24D-55	14-20-H62-4749
43-013-32928 UTE TRIBAL 4-25-55	14-20-H62-3537
43-013-33595 UTE TRIBAL 4-26D-54	14-20-H62-4954
43-013-33978 UTE TRIBAL 4-26D-55	14-20-H62-3444
43-013-33797 UTE TRIBAL 4-27D-55	14-20-H62-4753
43-013-32741 UTE TRIBAL 4-28-54	14-20-H62-4740
43-013-33118 UTE TRIBAL 4-28-55	14-20-H62-5019
43-013-32565 UTE TRIBAL 4-29-54	14-20-H62-5036
43-013-31550 UTE TRIBAL 4-30	14-20-H62-4662
43-013-32767 UTE TRIBAL 4-31-54	14-20-H62-4946
43-013-32896 UTE TRIBAL 4-32-54	14-20-H62-4947
43-013-33379 UTE TRIBAL 4-32-55	14-20-H62-5026
43-013-32871 UTE TRIBAL 4-33-54	14-20-H62-4948
43-013-32357 UTE TRIBAL 4-33-55	14-20-H62-5027
43-013-32188 UTE TRIBAL 4-36	14-20-H62-4944
43-013-31152 UTE TRIBAL 5-13	14-20-H62-4845
43-013-33075 UTE TRIBAL 5-13-54	14-20-H62-4894
43-013-33619 UTE TRIBAL 5-14-54	14-20-H62-5033
43-013-50479 UTE TRIBAL 5-14-55	14-20-H62-5016
43-013-32344 UTE TRIBAL 5-15-55	14-20-H62-5017
43-013-50475 UTE TRIBAL 5-16D-54	14-20-H62-3413
43-013-32204 UTE TRIBAL 5-19	14-20-H62-3528
43-013-31651 UTE TRIBAL 5-20	14-20-H62-4919
43-013-33324 UTE TRIBAL 5-21-54	14-20-H62-3414
43-013-33706 UTE TRIBAL 5-21D-55	14-20-H62-4825
43-013-32624 UTE TRIBAL 5-22-54	14-20-H62-3415

42 012 22527	LITE TRIDAL 5 22 55	14.00 11/0 0440
	UTE TRIBAL 5-23-55	14-20-H62-3443
-	UTE TRIBAL 5-24-55	14-20-H62-4749
	UTE TRIBAL 5-25-56	14-20-H62-5065
	UTE TRIBAL 5-25D-55	14-20-H62-3537
	UTE TRIBAL 5-26-54	14-20-H62-4954
	UTE TRIBAL 5-26-55	14-20-H62-3444
	UTE TRIBAL 5-27-55	14-20-H62-4753
	UTE TRIBAL 5-28	14-20-H62-4740
	UTE TRIBAL 5-29-54	14-20-H62-5032
	UTE TRIBAL 5-30-54	14-20-H62-4662
	UTE TRIBAL 5-31	14-20-H62-4946
	UTE TRIBAL 5-32-54	14-20-H62-4947
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	UTE TRIBAL 5-35-54	14-20-H62-5053
	UTE TRIBAL 5-36-55	14-20-H62-4944
	UTE TRIBAL 6-14-54	14-20-H62-5033
	UTE TRIBAL 6-14D-55	14-20-H62-5016
	UTE TRIBAL 6-19-54	14-20-H62-3528
43-013-32622	UTE TRIBAL 6-20-54	14-20-H62-4919
43-013-32164	UTE TRIBAL 6-21	14-20-H62-3414
43-013-32163	UTE TRIBAL 6-22	14-20-H62-3415
43-013-33213	UTE TRIBAL 6-22D-55	14-20-H62-4728
43-013-33187	UTE TRIBAL 6-23D-55	14-20-H62-3443
43-013-32570	UTE TRIBAL 6-24-54	14-20-H62-4716
43-013-32143	UTE TRIBAL 6-25H	14-20-H62-3537
43-013-33625	UTE TRIBAL 6-26D-54	14-20-H62-4954
43-013-33476	UTE TRIBAL 6-26D-55	14-20-H62-3444
43-013-32892	UTE TRIBAL 6-28D-54	14-20-H62-4740
43-013-33172	UTE TRIBAL 6-29-54	14-20-H62-5036
43-013-33120	UTE TRIBAL 6-29-55	14-20-H62-5020
43-013-32783	UTE TRIBAL 6-30-55	14-20-H62-5059
43-013-33325	UTE TRIBAL 6-31D-54	14-20-H62-4946
	UTE TRIBAL 6-32-55	14-20-H62-5026
43-013-32897	UTE TRIBAL 6-32D-54	14-20-H62-4947
43-013-32872	UTE TRIBAL 6-33-54	14-20-H62-4948
	UTE TRIBAL 6-35D-55	14-20-H62-4945
43-013-32265	UTE TRIBAL 6-36-55	14-20-H62-4944
	UTE TRIBAL 7-14-54	14-20-H62-5033
	UTE TRIBAL 7-14-55	14-20-H62-5016
-	UTE TRIBAL 7-15-55	14-20-H62-5017
	UTE TRIBAL 7-16-54	14-20-H62-3413
	UTE TRIBAL 7-19-55	14-20-H62-5058
	UTE TRIBAL 7-20-55	14-20-H62-5018
	UTE TRIBAL 7-20R-54	14-20-H62-3529
	UTE TRIBAL 7-20-54	14-20-H62-3414
	UTE TRIBAL 7-22-54	14-20-H62-3415
	UTE TRIBAL 7-22D-55	14-20-H62-4754
	UTE TRIBAL 7-22D-33	14-20-H62-3443
43-013-32991		14-20-H62-5064
TJ-01J-34791	OIL INDAL 1-47-30	17-20-1102-3004

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	UTE TRIBAL 7-25-56	14-20-H62-5065
	UTE TRIBAL 7-26D-54	14-20-H62-4954
	UTE TRIBAL 7-26D-55	14-20-H62-3444
	UTE TRIBAL 7-27-55	14-20-H62-4753
	UTE TRIBAL 7-28	14-20-H62-4740
	UTE TRIBAL 7-28D-55	14-20-H62-5019
	UTE TRIBAL 7-29-54	14-20-H62-5036
	UTE TRIBAL 7-29D-55	14-20-H62-5020
	UTE TRIBAL 7-30	14-20-H62-4662
	UTE TRIBAL 7-31-54	14-20-H62-4946
	UTE TRIBAL 7-32-54	14-20-H62-4947
	UTE TRIBAL 7-33-54	14-20-H62-4948
	UTE TRIBAL 7-34-55	14-20-H62-5028
	UTE TRIBAL 7-35-54	14-20-H62-5053
	UTE TRIBAL 7-35-55	14-20-H62-4945
	UTE TRIBAL 7-36-55	14-20-H62-4944
	UTE TRIBAL 7I-21-54	14-20-H62-3414
43-013-50488	UTE TRIBAL 8-10D-54	14-20-H62-5517
43-013-33204	UTE TRIBAL 8-14-54	14-20-H62-5033
43-013-50477	UTE TRIBAL 8-15D-55	14-20-H62-5017
43-013-32840	UTE TRIBAL 8-19-54	14-20-H62-3528
43-013-32864	UTE TRIBAL 8-19-55	14-20-H62-5058
43-013-32973	UTE TRIBAL 8-20-54	14-20-H62-3529
43-013-50435	UTE TRIBAL 8-21D-55	14-20-H62-4825
43-013-32590	UTE TRIBAL 8-22-54	14-20-H62-3415
43-013-33552	UTE TRIBAL 8-23D-55	14-20-H62-3443
43-013-33420	UTE TRIBAL 8-24-55	14-20-H62-4716
43-013-32780	UTE TRIBAL 8-25-54	14-20-H62-3440
43-013-32620	UTE TRIBAL 8-25-55	14-20-H62-3537
43-013-33682	UTE TRIBAL 8-26D-54	14-20-H62-4954
43-013-33859	UTE TRIBAL 8-26D-55	14-20-H62-3444
43-013-34058	UTE TRIBAL 8-27D-55	14-20-H62-4753
43-013-32766	UTE TRIBAL 8-28-54	14-20-H62-4740
43-013-32694	UTE TRIBAL 8-28-55	14-20-H62-5019
43-013-33119	UTE TRIBAL 8-29-55	14-20-H62-5020
43-013-32746	UTE TRIBAL 8-30-54	14-20-H62-4662
43-013-32869	UTE TRIBAL 8-31-54	14-20-H62-4946
43-013-32673	UTE TRIBAL 8-31-55	14-20-H62-5032
43-013-32870	UTE TRIBAL 8-32-54	14-20-Н62-4947
43-013-32421	UTE TRIBAL 8-32-55	14-20-H62-5026
43-013-33089	UTE TRIBAL 8-33-54	14-20-H62-4948
43-013-50436	UTE TRIBAL 8-34D-55	14-20-H62-5028
43-013-32267	UTE TRIBAL 8-35-55	14-20-H62-4945
43-013-32423	UTE TRIBAL 8-36-55	14-20-H62-4944
43-013-50853	UTE TRIBAL 8L-21D-54	14-20-H62-3141
43-013-33328	UTE TRIBAL 9-13D-55	14-20-H62-4845
43-013-33796	UTE TRIBAL 9-14D-54	14-20-H62-5033
<u> </u>	UTE TRIBAL 9-15-55	14-20-H62-5017
	UTE TRIBAL 9-16-54	14-20-H62-3413

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43-013-32687 I	UTE TRIBAL 9-17-54	14-20-H62-4731
43-013-32144	UTE TRIBAL 9-18	14-20-H62-4919
43-013-31831 J	UTE TRIBAL 9-19	14-20-H62-3528
43-013-32379 I	UTE TRIBAL 9-20-54	14-20-H62-3529
43-013-33675	UTE TRIBAL 9-20D-55	14-20-H62-5018
43-013-33040	UTE TRIBAL 9-21-54	14-20-H62-3414
43-013-32889	UTE TRIBAL 9-22-54	14-20-H62-3415
43-013-32606	UTE TRIBAL 9-22-55	14-20-H62-4754
43-013 <b>-</b> 32268	UTE TRIBAL 9-24-55	14-20-H62-4749
43-013-32390 I	UTE TRIBAL 9-25-55	14-20-H62-3537
43-013-32191 T	UTE TRIBAL 9-26	14-20-H62-4728
43-013-33359	UTE TRIBAL 9-26D-55	14-20-H62-3444
43-013-32388	UTE TRIBAL 9-28-54	14-20-H62-4740
43-013-33787	UTE TRIBAL 9-28D-55	14-20-H62-5019
43-013-32566	UTE TRIBAL 9-29-54	14-20-H62-5036
43-013-32383 I	UTE TRIBAL 9-30-54	14-20-H62-4662
43-013-32529	UTE TRIBAL 9-31-54	14-20-H62-4946
43-013-33508	UTE TRIBAL 9-31-55	14-20-H62-5060
43-013-32538	UTE TRIBAL 9-32-54	14-20-H62-4947
43-013-32549	UTE TRIBAL 9-33-54	14-20-H62-4948
43-013-32781	UTE TRIBAL 9-35-54	14-20-H62-5053
43-013-33047	UTE TRIBAL 9-35-55	14-20-H62-4945
43-013-33239	UTE TRIBAL 9-36D-55	14-20-H62-4944
43-013-33276	UTE TRIBAL 9S-19-54	14-20-H62-3528
43-013-33245	UTE TRIBAL 9S-25-55	14-20-H62-3537
43-013-50997	Vieira Tribal 4-4-54	14-20-H62-5659
43-013-33122	WILCOX ELIASON 7-15-56	FEE
43-013-33150	WILCOX FEE 1-20-56	FEE
43-013-33151	WILCOX FEE 15-16-56	FEE
43-013-32550	WILLIAMSON TRIBAL 3-34-54	14-20-H62-4955
43-013-32551	WILLIAMSON TRIBAL 5-34-54	14-20-H62-4955
43-013-31311	Z and T UTE TRIBAL 12-22	14-20-H62-3415
43-013-31280	Z and T UTE TRIBAL 2-21	14-20-H62-3414
43-013-31282	Z and T UTE TRIBAL 7-19	14-20-H62-4919
43-013-31310	Z and T UTE TRIBAL 7-25	14-20-H62-3537

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING	
CDW	

X - Change of Operator (Well Sold)	Operator Name Change/Merger							
The operator of the well(s) listed below has change	6/1/2014							
FROM: (Old Operator):	TO: ( New Operator):							
Berry Petroelum Company, LLC N4075	Linn Operating, Inc. N4115							
999 Broadway Street, Suite 3700				1999 Broadwa				
Denver, CO 80202				Denver, CO 80	0202			
1								
Phone: 1 (303) 999-4400				Phone: 1 (303)	999-4400			
CA No.				Unit:	Berry Pik	t EOR 246-02		
					Brundage	Canyon		
WELL NAME	SEC	TWN	RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL
					NO		TYPE	STATUS
See Attached List				<u> </u>		<u> </u>	<u>L</u>	
OPERATOR CHANGES DOCUMENTA	ATI	ON						
Enter date after each listed item is completed								
1. (R649-8-10) Sundry or legal documentation wa	s rec	eived fi	rom the	FORMER op	erator on:	6/13/2014		
2. (R649-8-10) Sundry or legal documentation wa	s rec	eived fr	rom the	NEW operator	r on:	6/13/2014	•	
3. The new company was checked on the <b>Departm</b>	nent	of Con	nmerce	e, Division of C	orporation	s Database on:	•	6/17/2014
4a. Is the new operator registered in the State of U				Business Num	ber:	9031632-0143	_	
5a. (R649-9-2)Waste Management Plan has been re-	ceive	d on:		N/A	_			
5b. Inspections of LA PA state/fee well sites compl				Yes				
5c. Reports current for Production/Disposition & S				6/17/2014	_			
6. Federal and Indian Lease Wells: The BL	M an	d or the	e BIA l	nas approved the	e merger, na	me change,		
or operator change for all wells listed on Federa	al or	Indian 1	leases o	on:	BLM	Not Yet	BIA	_ Not Yet
7. Federal and Indian Units:								
The BLM or BIA has approved the successor		-			ı:	Not Yet	_	
8. Federal and Indian Communization Ag	reen	ients (	("CA"	<b>)</b> :				
The BLM or BIA has approved the operator f						N/A	_	
9. Underground Injection Control ("UIC"	) Di	ivision	has ap	pproved UIC F	Form 5 Tra	nsfer of Author	rity to	
Inject, for the enhanced/secondary recovery un	it/pro	ject fo	r the w	ater disposal we	ell(s) listed o	on:	N/A	
DATA ENTRY:								
1. Changes entered in the Oil and Gas Database	on:			6/18/2014	_			
2. Changes have been entered on the Monthly Op	oerat	or Cha	inge Sp	read Sheet on	:	6/18/2014	_	
3. Bond information entered in RBDMS on:				6/23/2014				
4. Fee/State wells attached to bond in RBDMS on				6/23/2014	_			
5. Injection Projects to new operator in RBDMS of	on:			N/A				
6 Pagaint of Assentance of Duilling Procedures 6	A T	DD/Nav			_	6/19/2014		
<ul><li>6. Receipt of Acceptance of Drilling Procedures for</li><li>7. Surface Agreement Sundry from NEW operator</li></ul>				lla rossivad on	•	6/18/2014 Yes	-	
BOND VERIFICATION:	OIL	ce Sur	iace we	ons received on.	•	1 C5	-	
Federal well(s) covered by Bond Number:				NIN (IDAAA 501				
2. Indian well(s) covered by Bond Number:				NMB000501 NMB000501	_			
3a. (R649-3-1) The <b>NEW</b> operator of any state/fe	e wel	ll(s) list	ted cov			LPM9149893		
3b. The <b>FORMER</b> operator has requested a release					N/A			
LEASE INTEREST OWNER NOTIFIC		_	nom t	non cond on.	14/74	-		
4. (R649-2-10) The <b>NEW</b> operator of the fee wells			ntacter	and informed	hy a letter fr	om the Division		
of their responsibility to notify all interest owner					6/23/2014			
COMMENTS:		VIII	<u></u>		V. 23, 2017			<del></del>

# STATE OF UTAH

1	DIVISION OF OIL, GAS AND MI		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	ew wells, significantly deepen existing wells below cur tterals. Use APPLICATION FOR PERMIT TO DRILL I		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL			8. WELL NAME and NUMBER:
2. NAME OF OPERATOR: Linn Operating, Inc.			9. API NUMBER:
3. ADDRESS OF OPERATOR:	y Denver STATE CO ZIP	PHONE NUMBER: (303) 999-4400	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	STATE 2 ZIP	(000)	
FOOTAGES AT SURFACE:			COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RAN	GE, MERIDIAN:		STATE: <b>UTAH</b>
	ROPRIATE BOXES TO INDICAT		ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
<u> </u>	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
• • • • • • • • • • • • • • • • • • • •	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ other: Change of operator
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATIO	N
12. DESCRIBE PROPOSED OR CO	OMPLETED OPERATIONS. Clearly show all I	pertinent details including dates, depths, vol	umes, etc.
December 16, 2013, Berry Petroleum Company conv Berry Petroleum Company	y, LLC authorized and empowere ginal declaration amending the n	n indirect subsidiary of Linn En any named, "Berry Petroleum C ed Linn Operating, Inc. to act as	ergy, LLC. As a result, Berry Company, LLC". On March 5, 2014,
			RECEIVED
			JUN 1 5 2014
			Div. of Oil, Gas & Mining
NAME (PLEASE PRINT) Beverly De	ecker	TITLE Sr Engineering	Technician
SIGNATURE SOULES	y Neckel	DATE 6/1/2014	
(This space for State use only)		A	PPROVED

(This space for State use only)

JUN 18 2014

DIV. OIL GAS & MINING

BY: Rachol Modura

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
SONDICT NOTICES AND INC. ON TO CH WELLS	7. UNIT or CA AGREEMENT NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: —
2. NAME OF OPERATOR:	9. API NUMBER:
Berry Petroleum Company, LLC  3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1999 Broadway, Ste 3700 CITY Denver STATE CO ZIP 80202 (303) 999-4400	
4. LOCATION OF WELL FOOTAGES AT SURFACE:	COUNTY:
1 SS // SS // SS // ASL	333111.
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: <b>UTAH</b>
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REI	PORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)  ACIDIZE  DEEPEN  ACIDIZE  FRACTURE TREAT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only) CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ other: Change of operator
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, vo	
On December 16th, 2013 Berry Petroleum Company and Linn Energy merged. As a result has changed to "Berry Petroleum Company, LLC". On March 5th, 2014 Berry Petroleum Operating, Inc would become the operator of record effective June 1, 2014. I have attach amending the name change along with a copy of the agency agreement and power of att Should you have any questions please don't hesitate to contact me.	It of this merger the companies name Company, LLC agreed that Linn ed a copy of the original declaration
	RECEIVED
	JUN 1 3 2014
	Div. of Cil. Gas & Mining
NAME (PLEASE PRINT) Beverly Decker TITLE Sr Engineering	g Technician
SIGNATURE DELLE LUCK DATE 6/1/2014	
(This space for State use only)	APPROVED

JUN 1 8 2014

DIV. OIL GAS & MINING

BY: Roch & Mederoe

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

		plication or Po			
	ccompany a Sundr	y Notice, Form 9, requ	esting APD transfer)		
Well name:	See Attached				
API number:					
Location:	Qtr-Qtr:	Section	Township Range:		
Company that filed original application:	Berry Petroleun	Company LLC			
Date original permit was issued:	Lina Operation	. 100		<del></del>	
Company that permit was issued to:	Linn Operating	j, ilic			
Check one	Des	ired Action:			
Transfer pending (unapproved) App	olication for Pe	ermit to Drill to n	ew operator		
The undersigned as owner with legal submitted in the pending Application f owner of the application accepts and	or Permit to Dri	ll, remains valid a	nd does not require revision. The	new	
✓ Transfer approved Application for I	Permit to Drill	to new operator			
The undersigned as owner with legal information as submitted in the previorevision.				·е	
Following is a checklist of some items re	ated to the ap	plication, which	should be verified.	Yes	No
If located on private land, has the ownership	changed?				1
If so, has the surface agreement been	updated?			-	Ħ
Have any wells been drilled in the vicinity of requirements for this location?		vell which would a	ffect the spacing or siting		1
Have there been any unit or other agreement proposed well?	ts put in place	that could affect th	ne permitting or operation of this		1
Have there been any changes to the access proposed location?	route including	ownership or righ	nt-of-way, which could affect the		1
Has the approved source of water for drilling	changed?				1
Have there been any physical changes to the plans from what was discussed at the onsite	e surface locati evaluation?	on or access route	e which will require a change in		1
Is bonding still in place, which covers this pre	oposed well? E	ond No. LPM9149	9893	1	
Any desired or necessary changes to either should be filed on a Sundry Notice, Form 9, necessary supporting information as required	or amended Ap				rred,
Name (please print) Beverly Decker		Title Sr Enginee	oring Technician		
Signature Duverley Liberte		Date			
Representing (company name) Berry Petroleu	m Company LLC a	nd Linn Operating, Inc.			

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

(3/2004)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

# ofer Application or Permit to Drill

	Request to					
	(This form should ac	ccompany a Sundry	Notice, Form 9, requ	esting APD transfer)		
Well	name:	See Attached				
API r	number:					
Loca	tion:	Qtr-Qtr:	Section:	Township Range:		
Com	pany that filed original application:	Berry Petroleum	Company LLC			
Date	original permit was issued:					
Com	pany that permit was issued to:	Linn Operating	, Inc			
Check one		Desi	red Action:			
✓	Transfer pending (unapproved) App	lication for Pe	rmit to Drill to n	ew operator		
	The undersigned as owner with legal r submitted in the pending Application for owner of the application accepts and a	or Permit to Drill	l, remains valid ai	nd does not require revision. The	new	
	Transfer approved Application for P	ermit to Drill to	o new operator			
	The undersigned as owner with legal r information as submitted in the previous revision.				re	
	TOTOIO.			-		
Follo	wing is a checklist of some items rel	ated to the app	olication, which	should be verified.	Yes	No
			olication, which	should be verified.	Yes	├
	wing is a checklist of some items related on private land, has the ownership	changed?	olication, which	should be verified.	Yes	├
If loca	wing is a checklist of some items rel	changed? updated?			Yes	<b>✓</b>
Have required Have	wing is a checklist of some items related on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of	changed? updated? the proposed we	ell which would at	ffect the spacing or siting	Yes	<b>✓</b>
Have requii Have propo	wing is a checklist of some items related on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of trements for this location?  there been any unit or other agreemen	changed? updated? the proposed we ts put in place the	ell which would at hat could affect th	ffect the spacing or siting ne permitting or operation of this	Yes	<b>√</b>
Have required Have proportion	wing is a checklist of some items related on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of rements for this location?  there been any unit or other agreements sed well?	changed? updated? the proposed we ts put in place to	ell which would at hat could affect th	ffect the spacing or siting ne permitting or operation of this	Yes	<u> </u>
Have proportions that the Have	wing is a checklist of some items related on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of trements for this location?  there been any unit or other agreement beed well?  there been any changes to the access psed location?	changed? updated? the proposed we ts put in place the route including changed? e surface location	ell which would at hat could affect th ownership or righ	ffect the spacing or siting ne permitting or operation of this nt-of-way, which could affect the	Yes	✓ ✓ ✓
Have plans	wing is a checklist of some items related on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of trements for this location?  there been any unit or other agreement been any changes to the access osed location?  the approved source of water for drilling there been any physical changes to the	changed? updated? the proposed we ts put in place the route including changed? e surface location	ell which would at hat could affect th ownership or righ on or access route	ffect the spacing or siting ne permitting or operation of this nt-of-way, which could affect the	Yes	✓ ✓ ✓
Have proportion Have proportion Has to Have plans is born Any coshoul	wing is a checklist of some items related on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of trements for this location?  there been any unit or other agreement been any changes to the access used location?  the approved source of water for drilling there been any physical changes to the from what was discussed at the onsite	changed? updated? the proposed we ts put in place the route including changed? e surface location evaluation? uposed well? Be a pending or apport amended App	ell which would at hat could affect the ownership or right on or access route ond No. LPM9149	ffect the spacing or siting ne permitting or operation of this nt-of-way, which could affect the e which will require a change in ness3	✓	√ √ √ √
Have proportion Have proportion Have plans Is borned Any of should necessive Name	wing is a checklist of some items related on private land, has the ownership  If so, has the surface agreement been any wells been drilled in the vicinity of rements for this location?  there been any unit or other agreement been any changes to the access osed location?  there been any changes to the access osed location?  the approved source of water for drilling there been any physical changes to the from what was discussed at the onsite inding still in place, which covers this problem of the filed on a Sundry Notice, Form 9, ossary supporting information as required to please with the problem of the problem.  Beverly Decker	changed? updated? the proposed we ts put in place the route including changed? e surface location evaluation? uposed well? Be a pending or apport amended App	ell which would at hat could affect the ownership or right on or access route ond No. LPM9149	ffect the spacing or siting ne permitting or operation of this nt-of-way, which could affect the e which will require a change in negation for Permit to Drill that is being the sit to Drill, Form 3, as appropriate,	✓	√ √ √ √
Have proportion Have proportion Have plans Is born Any or should necessive	wing is a checklist of some items related on private land, has the ownership of so, has the surface agreement been any wells been drilled in the vicinity of the rements for this location?  There been any unit or other agreement osed well?  There been any changes to the access osed location?  The approved source of water for drilling there been any physical changes to the from what was discussed at the onsite of the from what was discussed at the onsite of the filed on a Sundry Notice, Form 9, of the sarry supporting information as required the property of the filed on a Sundry Notice, Form 9, of the sarry supporting information as required the property of the sarry supporting information as required the property of the sarry supporting information as required the sarry of th	changed? updated? the proposed we ts put in place ti route including changed? e surface locatio evaluation? oposed well? Be a pending or ap or amended Ap d.	ell which would at hat could affect the ownership or right on or access route ond No. LPM9149 proved Application for Perm	ffect the spacing or siting ne permitting or operation of this nt-of-way, which could affect the e which will require a change in ness on for Permit to Drill that is being to it to Drill, Form 3, as appropriate, ering Technician	✓	\ \(  \)

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

Well Name	Section	TWN	PNG	API Number	Entity	Mineral Lease	Wall Type	Well Status	I Init
Z and T UTE TRIBAL 2-21				4301331280			WI	A	BRUNDAGE CANYON
UTE TRIBAL 12-30-54	+			4301331280			WI	A	BRUNDAGE CANYON
									·
UTE TRIBAL 14-30-54				4301332748			WI	A	BRUNDAGE CANYON
UTE TRIBAL 10-30D-54				4301332893			WI	A	BRUNDAGE CANYON
UTE TRIBAL 6-30-54				4301332975			WI	Α	BRUNDAGE CANYON
UTE TRIBAL 1-21-54				4301333388	15937		WI	Α	BRUNDAGE CANYON
UTE TRIBAL 13-17D-55	17	050S	050W	4301333550		Indian	OW	APD	
UTE TRIBAL 11-14D-54	14			4301333596		Indian	OW	APD	
UTE TRIBAL 16-17D-55	17	050S	050W	4301333622		Indian	OW	APD	
UTE TRIBAL 15-28D-55	28	050S	050W	4301333623		Indian	ow	APD	
LC TRIBAL 14-16D-56				4301334283		Indian	OW	APD	
FEDERAL 10-10D-65	+			4301350523		Federal	OW	APD	
LC TRIBAL 3-23D-56				4301350624		Indian	ow	APD	
FEDERAL 2-1D-64	1			4301350765		Federal	OW	APD	
FEDERAL 7-1D-64				4301350766		Federal	OW	APD	
FEDERAL 9-1D-64	-		-						
	<del></del>		+	4301350767		Federal	OW	APD	
LC TRIBAL 1-28D-56				4301350865	ļ	Indian	OW	APD	
LC TRIBAL 13H-9-56				4301350874		Indian	OW	APD	
CC FEE 8-24-38				4301350885		Fee	OW	APD	
LC TRIBAL 4H-26-56		050S	060W	4301350951		Indian	OW	APD	
LC FEE 4H-12-57	12	050S	070W	4301350952		Fee	OW	APD	
CC TRIBAL 4-2-48	2	040S	080W	4301350964		Indian	OW	APD	
LC TRIBAL 5H-34-45	34	040S	050W	4301350974		Indian	ow	APD	
LC TRIBAL 11-34-45				4301350975		Indian	OW	APD	
LC TRIBAL 7-2D-56	1			4301350988		Indian	OW	APD	
LC TRIBAL 10-18D-56		050S		4301350989	-	Indian	OW	APD	
CC TRIBAL 4-30D-38				4301350993		Indian	OW	APD	
FEDERAL 4-1-65				4301351016					
LC TRIBAL 3-16D-56	+				-	Federal	OW	APD	
				4301351032	-	Indian	OW	APD	
CC FEE 6-21-38	***************************************			4301351059		Fee	OW	APD	
LC TRIBAL 13H-28-45				4301351061	-	Indian	OW	APD	
LC TRIBAL 5H-23-45	T Parameter			4301351071		Indian	OW	APD	
LC TRIBAL 4H-27-45				4301351072		Indian	OW	APD	
LC TRIBAL 16-27-45	27	040S	050W	4301351074		Indian	OW	APD	
LC TRIBAL 12-27-45	27	040S	050W	4301351075		Indian	OW	APD	
LC TRIBAL 16-23-45	23	040S	050W	4301351077		Indian	OW	APD	
LC TRIBAL 12H-30-56	30			4301351133		Indian	OW	APD	
LC TRIBAL 5-29D-56	29			4301351184		Indian	OW	APD	
LC TRIBAL 12H-19-56		050S		4301351193		Indian	OW	APD	
LC FEE 15-11D-56				4301351197		Fee	OW	APD	
LC TRIBAL 13H-10-56				4301351107		Indian	OW	APD	
LC TRIBAL 2-31D-45				4301351261					
LC TRIBAL 13H-24-45			+	<del></del>		Indian	OW	APD	
				4301351273		Indian	OW	APD	
UTE TRIBAL 6-21D-55				4301351274		Indian	OW	APD	
UTE TRIBAL 15-16D-55				4301351284		Indian	OW	APD	
UTE TRIBAL 4H-15-55				4301351292		Indian	OW	APD	
UTE TRIBAL 13H-14-54				4301351297		Indian	OW	APD	
UTE TRIBAL 1-32-55	32			4301351298		Indian	OW	APD	
UTE TRIBAL 4-21D-55	21	050S	050W	4301351299		Indian	OW	APD	
LC TRIBAL 12-33-45	33			4301351301		Indian	OW	APD	
UTE TRIBAL 16-15D-55				4301351302		Indian	OW	APD	
UTE TRIBAL 2-24-55	<del>,</del>			4301351304		Indian	OW	APD	1
LC TRIBAL 11-32D-56				4301351304	-	Indian	OW		
LC TRIBAL 1-32D-56				4301351317				APD	
LC TRIBAL 51-32D-36						Indian	OW	APD	
				4301351318		Indian	OW	APD	
LC TRIBAL 5H-33-45				4301351338	<u> </u>	Indian	OW	APD	
LC TRIBAL 14-28-45				4301351339		Indian	OW	APD	
LC TRIBAL 16-32D-45				4301351340		Indian	OW	APD	
LC TRIBAL 3-31-45				4301351347		Indian	ow	APD	
LC TRIBAL 1-18D-56	18	050S	060W	4301351367		Indian	OW	APD	
LC TRIBAL 9-18D-56				4301351368		Indian	OW	APD	
LC FEE 9-23D-56				4301351380		Fee	OW	APD	
LC TRIBAL 1-34D-45				4301351382	-	Indian	OW	APD	
LC TRIBAL 12-21D-56				4301351382	t -				<u> </u>
				4301351383	<b>-</b>	Indian Indian	OW OW	APD APD	
LC TRIBAL 7-29D-56									

					_		
UTE TRIBAL 6-15-55	15	050S	050W	4301351399	Indian	OW	APD
UTE TRIBAL 13H-21-55	21	050S	050W	4301351403	Indian	ow	APD
LC TRIBAL 6-16D-56	16	0508	060W	4301351406	Indian	ow	APD
LC TRIBAL 3-14D-56	14	050S	060W	4301351408	Indian	ow	APD
CC FEE 13-9D-37	9	030S	070W	4301351409	Fee	ow	APD
CC FEE 16-21D-38	21	0308	080W	4301351410	Fee	OW	APD
UTE TRIBAL 5H-10-54	10	050S		4301351415	Indian	ow	APD
LC TRIBAL 13-6D-57	6	050S		4301351417	Indian	OW	APD
LC TRIBAL 9-23-45	23			4301351432	Indian	OW	APD
LC TRIBAL 5-28D-56	29	050S		4301351441	Indian	ow	APD
LC TRIBAL 15-20D-56	29			4301351443	Indian	OW	APD
LC FEE 14-1-56	1	050S		4301351457	Fee	OW	APD
LC TRIBAL 5-3D-56	3	050S		4301351459	Indian	OW	APD
LC Tribal 16-33-45	33	040S	_	4301351463	Indian	OW	APD
LC TRIBAL 7-23D-56	23	050S		4301351479	Indian	OW	APD
LC TRIBAL 4-7-56	7	050S		4301351482	Indian	OW OW	APD
LC TRIBAL 3-2-56	2	050S		4301351483	Indian	ow	APD
LC TRIBAL 12H-23-56	23	050S		4301351488	Indian	ow	APD
CC TRIBAL 15-34D-38	2	0408		4301351490	Indian	ow	APD
CC TRIBAL 14-35D-38	2	040S		4301351491	Indian	ow	APD
CC TRIBAL 8-3D-48	2	040S		4301351493	Indian	ow	APD
LC TRIBAL 12HH-31-45	32	0408	_	4301351499	Indian	ow	APD
LC TRIBAL 1-10D-56	10	050S		4301351510	Indian	OW OW	APD
LC TRIBAL 3-10D-56	10	050S		4301351511			
LC TRIBAL 3-10D-56	10	050S		4301351511	Indian Indian	OW OW	APD APD
LC TRIBAL 9-29D-56	29	050S		4301351513	Indian		<u> </u>
UTE TRIBAL 1-16-55	16	050S			<del></del>	OW	APD
CC Tribal 3-27D-38	27			4301351519	Indian	OW	APD
LC FEE 10-36D-56	36	0308		4301351604	Indian	OW	APD
Myrin Fee 3-16D-55		0508		4301351622	Fee	OW	APD
	16	0508		4301351633	Fee	OW	APD
LC TRIBAL 12H-34-56	34	0508		4301351634	Indian	OW	APD
UTE FEE 12-16D-55	16	050S		4301351635	Fee	OW	APD
LC TRIBAL 15-27-56	27	0508		4301351649	Indian	OW	APD
LC TRIBAL 11-27D-56	27	050S		4301351650	Indian	OW	APD
LC TRIBAL 1-17-56	17	0508		4301351704	Indian	OW	APD
LC Tribal 13-11D-58	11	0508		4301351708	Indian	OW	APD
LC Tribal 15-11D-58	11	050S		4301351709	Indian	OW	APD
LC Tribal 4HW-8-56 LC FEE 1-11D-56	8	0508		4301351710	Indian	OW	APD
	11	0508	+	4301351712	Fee	OW	APD
LC TRIBAL 3-11D-56	11			4301351713	Indian	OW	APD
LC TRIBAL 7-11D-56	11	050S	-	4301351714	Indian	OW	APD
LC TRIBAL 9-34D-45	34			4301351717	Indian	OW	APD
LC Tribal 8M-23-45	23			4301351722	Indian	OW	APD
LC TRIBAL 4-34D-45	34			4301351723	Indian	OW	APD
LC TRIBAL 7-34D-45	34			4301351724	Indian	OW	APD
LC Tribal 3-14D-58	11			4301351726	Indian	OW	APD
LC Tribal 11-11D-58	11			4301351729	Indian	OW	APD
LC TRIBAL 8-31D-56	31	050S		4301351746	Indian	OW	APD
LC TRIBAL 13-34D-45	34			4301351747	Indian	OW	APD
LC Fee 2-6D-57	6			4301351749	Fee	OW	APD
LC Tribal 15-12D-58	12			4301351783	Indian	OW	APD
LC Tribal 9-12D-58	12	050S		4301351784	Indian	OW	APD
LC Tribal 1-13D-58	12	<del></del>		4301351785	Indian	OW	APD
LC Tribal 13-7D-57	12			4301351786	Indian	OW	APD
LC Tribal 9-2D-58	2			4301351788	Indian	OW	APD
LC Tribal 1-2D-58	2			4301351789	Indian	OW	APD
LC Tribal 5-1D-58	2			4301351790	Indian	OW	APD
LC TRIBAL 12-31D-56	31		-	4301351799	Indian	OW	APD
LC TRIBAL 8-20D-56	20	050S		4301351800	Indian	OW	APD
LC TRIBAL 6-31D-56	31			4301351801	Indian	OW	APD
LC Tribal 11-7D-57	7			4301351814	Indian	OW	APD
LC Tribal 5-7D-57	7		-	4301351815	Indian	OW	APD
LC Fee 15-6D-57	6			4301351816	Fee	OW	APD
LC Tribal 11-6D-57	6			4301351817	Indian	OW	APD
LC TRIBAL 9-27-56	27			4301351822	Indian	OW	APD
LC TRIBAL 7-27D-56	27			4301351823	Indian	OW	APD
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LC Fee 7-31D-45	31			4301351857	Fee	OW	APD
LC Tribal 5-31D-45	31		-	4301351858	Indian	OW	APD
LC Tribal 8-33-45	33		-	4301351859	Indian	OW	APD
LC Tribal 16-31-45	31		+	4301351863	Indian	OW	APD
LC Tribal 7-23D-45	23		-	4301351865	Indian	OW	APD
LC Tribal 1-23D-56	23	050S	+	4301351866	Indian	OW	APD
LC TRIBAL 1-19-56	19	050S		4301351867	Indian	OW	APD
LC TRIBAL 7-19D-56	19	050S		4301351868	Indian	OW	APD
LC TRIBAL 9-4D-56	4	050S		4301351869	Indian	OW	APD
LC Tribal 14-32D-45	32	040S	+	4301351879	Indian	OW	APD
LC TRIBAL 7-17D-56	17	050S		4301351886	Indian	OW	APD
LC TRIBAL 5-17D-56	17	0508	-	4301351887	Indian	OW	APD
LC FEE 4-32D-45	31	040S		4301351892	Fee	OW	APD
LC TRIBAL 9-2D-56	2	050S		4301351893	Indian	OW	APD
LC TRIBAL 1-2D-56	2	050S	_	4301351894	Indian	OW	APD
LC Tribal 15-23D-45	23	040S		4301351895	Indian	OW	APD
LC TRIBAL 11-34D-56	34	050S	060W		Indian	OW	APD
LC TRIBAL 9-5D-56	4	050S		4301351901	Indian	OW	APD
LC Tribal 10-28D-45	28	040S	+	4301351903	Indian	OW	APD
LC TRIBAL 13-20D-56	20	050S	+	4301351904	Indian	OW	APD
Ute Tribal 14-17-55	17	050S		4301351908	Indian	OW	APD
LC Tribal 3-27D-45	27	040S	+	4301351911	Indian	OW	APD
LC TRIBAL 9-34D-56	34	050S		4301351914	Indian	OW	APD
CC Fee 8R-9-37	9	030S		4301351937	Fee	OW	APD
LC Tribal 10-33D-45	33	040S		4301351939	Indian	OW	APD
LC Tribal 14-33D-45	33	040S	050W	4301351940	Indian	OW	APD
LC Tribal 10-27D-45	27	040S		4301351941	Indian	OW	APD
LC Tribal 14-27D-45	27	040S	050W	4301351951	Indian	OW	APD
LC Tribal 6-33D-45	33	040S		4301351955	Indian	OW	APD
LC Tribal 6-32D-45	32	040S		4301351956	Indian	OW	APD
Federal 3-11D-65	11	060S	050W	4301351982	Federal	OW	APD
Federal 2-4-64	4	060S	_040W	4301351983	Federal	OW	APD
Federal 5-11D-65	11	060S	050W	4301351984	Federal	OW	APD
Federal 7-4D-64	4	060S	040W	4301351985	Federal	OW	APD
Federal 3-4D-64	4	060S		4301351986	Federal	ow	APD
Federal 8-4D-64	4	060S	040W	4301351988	Federal	OW	APD
Federal 6-4D-64	4	060S	040W	4301351989	Federal	OW	APD
Federal 7-9D-64	9	060S	040W	4301351990	Federal	OW	APD
Federal 4-4D-64	4	060S	040W	4301351991	Federal	OW	APD
Federal 9-4D-64	4	060S	040W	4301352004	Federal	ow	APD
Federal 10-4D-64	4	060S	040W	4301352011	Federal	ow	APD
Federal 3-9D-64	9	060S	040W	4301352015	Federal	ow	APD
Federal 1-9D-64	9	060S	040W	4301352020	Federal	OW	APD
Federal 6-9-64	9	060S	040W	4301352021	Federal	OW	APD
Federal 8-9D-64	9	060S	040W	4301352023	Federal	OW	APD
Federal 1-4D-64	4	060S	040W	4301352025	Federal	OW	APD
Federal 16-4D-64	4	060S	040W	4301352026	Federal	OW	APD
LC Tribal 10-23D-45	23	040S	050W	4301352029	Indian	ow	APD
Federal 15-4D-64	4	060S	040W	4301352032	Federal	ow	APD
Federal 5-9D-64	9	060S	040W	4301352035	Federal	OW	APD
Federal 9-9D-64	9	060S	040W	4301352036	Federal	ow	APD
Federal 11-9D-64	9	060S		4301352037	Federal	OW	APD
Federal 12-9D-64	9	060S		4301352038	Federal	OW	APD
Federal 13-9D-64	9	060S		4301352039	Federal	ow	APD
FEDERAL 14-9D-64	9	060S		4301352040	Federal	OW	APD
Federal 10-9D-64	9	060S		4301352041	Federal	OW	APD
Federal 2-9D-64	9	060S		4301352042	Federal	OW	APD
Federal 15-9D-64	9	060S		4301352043	Federal	OW	APD
Federal 16-9D-64	9	060S		4301352044	Federal	OW	APD
LC Tribal 10-32D-45	32	040S		4301352065	Indian	OW	APD
LC Tribal 16-28D-45	28	040S		4301352073	Indian	OW	APD
LC Tribal 15-24D-45	24	040S		4301352074	Indian	OW	APD
LC Tribal 13-17D-56	17	050S		4301352076	Indian	OW	APD
LC Tribal 15-17D-56	17	0508		4301352077	Indian	ow	APD
LC Tribal 5-26D-56	26	050S		4301352097	Indian	OW	APD
LC Tribal 11-26D-56	26	050S		4301352098	Indian	OW	APD
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LC Tribal 13-26D-56	26			Indian	OW	APD	
LC Tribal 2-27D-45	27			Indian	OW	APD	
LC Tribal 8-27D-45	27	040S 050W 43	301352101	Indian	OW	APD	
LC Tribal 4-9D-56	9	050S 060W 43	301352102	Indian	OW	APD	
LC Tribal 8-32D-45	32	040S 050W 43	301352135	Indian	OW	APD	
UTE Tribal 15-24D-54	24	050S 040W 43	301352156	Indian	GW	APD	
UTE Tribal 9-24D-54	24	050S 040W 43	301352157	Indian	GW	APD	
UTE Tribal 1-25D-54	25	050S 040W 4	301352173	Indian	GW	APD	
UTE Tribal 9-25D-54	25		301352177	Indian	GW	APD	
Myrin Tribal 9-10D-55	10			Indian	OW	APD	
Myrin Tribal 16-10D-55	10			Indian	OW	APD	
Myrin Tribal 10-10D-55	10			Indian	OW	APD	
UTE Tribal 1-24D-54	24		301352304	Indian	GW	APD	
UTE Tribal 7-24D-54	24			Indian	GW	APD	
UTE Tribal 12-25D-54	25			Indian	GW	APD	
		+					
UTE Tribal 4-13D-54	13		301352321	Indian	GW	APD	
UTE Tribal 13-25D-54	25		301352322	Indian	GW	APD	
Abbott Fee 1-6D-54	6		301352324	Fee	OW	APD	
Abbott Fee 7-6D-54	6		301352327	Fee	OW	APD	
UTE Tribal 3-24D-54	24			Indian	GW	APD	
UTE Tribal 5-24D-54	24		301352348	Indian	GW	APD	
State Tribal 7-12D-55	_12	050S 050W 4	301352369	Indian	OW	APD	
State Tribal 14-1D-55	1	050S 050W 43	301352372	Indian	OW	APD	2011
State Tribal 11-1D-55	1	050S 050W 43	301352373	Indian	OW	APD	
State Tribal 13-1D-55	1	<del></del>	301352374	Indian	OW	APD	
State Tribal 12-2D-55	2		301352391	Indian	OW	APD	·
State Tribal 14-2D-55	2	<del></del>	<del></del>	Indian	OW	APD	
State Tribal 13-2D-55	2			Indian	ow	APD	
State Tribal 14-3D-55	3			Indian	OW	APD	
State Tribal 11-3D-55	3	<del> </del>	301352434	Indian	OW	APD	
State Tribal 13-3D-55	3		301352435	Indian		+	
UTE TRIBAL 2-5D-55	5	+			OW	APD	
Ute Tribal 1-5D-55				Indian	OW	APD	DDVD ID A CD CALVACOA
	5			Indian	OW	APD	BRUNDAGE CANYON
Ute Tribal 7-5-55	5			Indian	OW	APD	
Ute Tribal 3-16D-54	9		301352467	Indian	OW	APD	
State Tribal 1-3D-55	3		301352471	Indian	OW	APD	
State Tribal 2-3D-55	3			Indian	OW	APD	
State Tribal 7-3D-55	3			Indian	OW	APD	
State Tribal 8-3D-55	3	050S 050W 4	301352474	Indian	OW	APD	
UTE FEE 10-9D-54	9	050S 040W 4	301352475	Fee	OW	APD	
UTE FEE 12-9D-54	9	050S 040W 4:	301352476	Fee	OW	APD	
UTE FEE 16-9D-54	9	050S 040W 4	301352478	Fee	OW	APD	
Ute Tribal 2-16D-54	9	050S 040W 4	301352481	Indian	OW	APD	
Federal 14-6D-65	6	060S 050W 43	301352495	Federal	OW	APD	
Federal 13-6D-65	6	060S 050W 4		Federal	OW	APD	
Federal 11-6D-65	6	060S 050W 4		Federal	OW	APD	
Federal 10-6D-65	6	060S 050W 43		Federal	OW	APD	
State Tribal 3-3D-55	3	050S 050W 43		Indian	OW	APD	
State Tribal 4-3D-55	3		301352533	Indian	OW	APD	1
State Tribal 5-3D-55	3	050S 050W 43		Indian	OW	APD	
State Tribal 6-3D-55	3	050S 050W 43				+	
Federal 2-7D-65	7	+		Indian	OW	APD	
Federal 5-7D-65		060S 050W 43		Federal	OW	APD	
	7	060S 050W 43		Federal	OW	APD	
Federal 4-7D-65	7	060S 050W 43		Federal	OW	APD	
UTE FEE 11-9D-54	9	050S 040W 4		Fee	OW	APD	
UTE TRIBAL 15-12D-55	12	050S 050W 43		Indian	OW	APD	
UTE TRIBAL 6-5D-55	5	050S 050W 43		Indian	OW	APD	
UTE TRIBAL 5-5D-55	5	050S 050W 43		Indian	OW	APD	
UTE TRIBAL 4-5D-55	5	050S 050W 4		Indian	OW	APD	
UTE TRIBAL 3-5D-55	5	050S 050W 4		Indian	OW	APD	
Federal 3-7-65	7	060S 050W 43	301352560	Federal	OW	APD	
Ute Tribal 9-11D-55	11	050S 050W 43		Indian	OW	APD	
UTE TRIBAL 10-11D-55	11	050S 050W 43		Indian	OW	APD	
UTE TRIBAL 15-11D-55	11	050S 050W 43		Indian	OW OW	APD	
Federal 1-7D-65	6			Federal	OW	APD	<del> </del>
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Federal 16-6D-65	6	060S 050W 43	301352500	Federal	OW	APD	

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Federal 15-6D-65	6	060S	050W	4301352591	F	Federal	OW	APD
UTE TRIBAL 14-12D-55	12	050S	050W	4301352592	I	ndian	OW	APD
UTE TRIBAL 13-12D-55	12	050S	050W	4301352593	I	ndian	OW	APD
UTE TRIBAL 10-11D-54	11	050S	040W	4301352603	I	ndian	OW	APD
UTE TRIBAL 9-11D-54	11	050S	040W	4301352604	I	ndian	OW	APD
UTE TRIBAL 15-11-54	11	050S	040W	4301352605	I	ndian	OW	APD
UTE TRIBAL 16-11D-54	11	050S	040W	4301352606	1	ndian	OW	APD
UTE TRIBAL 14-11D-55	11	050S		4301352610	I	ndian	OW	APD
UTE TRIBAL 13-11D-55	11	050S		4301352611		ndian	OW	APD
UTE TRIBAL 12-11D-55	11	050S	050W	4301352612	I	ndian	OW	APD
UTE TRIBAL 11-11D-55	11	050S		4301352613	_	ndian	OW	APD
Federal 6-7D-65	7	060S	050W	4301352682	F	Federal	OW	APD
Federal 11-7D-65	7	060S		4301352683	F	ederal	OW	APD
Federal 10-7D-65	7	060S		4301352684		Federal	OW	APD
Federal 7-7D-65	7			4301352685		Federal	OW	APD
UTE TRIBAL 14-30D-55	30	050S		4301352687		ndian	OW	APD
UTE TRIBAL 13-30D-55	30	_		4301352688		ndian	OW	APD
UTE TRIBAL 12-30D-55	30	050S	<del>-</del>	4301352689		ndian	OW	APD
UTE TRIBAL 11-30D-55	30	050S		4301352690		ndian	OW	APD
UTE TRIBAL 7-17D-55	17	050S		4301352691		ndian	OW	APD
UTE TRIBAL 6-17D-55	17	050S		4301352692		ndian	OW	APD
UTE TRIBAL 3-17D-55	17	050S		4301352693		ndian	OW	APD
UTE TRIBAL 2-17D-55	17	050S		4301352694		ndian	OW	APD
UTE TRIBAL 4-17D-55	17	050S		4301352695		ndian	OW	APD
State Tribal 3-12D-55	12	050S		4301352697		ndian	OW	APD
State Tribal 4-12D-55	12	050S		4301352698		ndian	OW	APD
UTE TRIBAL 12-31D-55	31	050S		4301352699		ndian	OW	APD
UTE TRIBAL 13-31D-55	31	050S		4301352700		ndian	OW	APD
UTE TRIBAL 14-31D-55	31	050S	+	4301352701		ndian	OW	APD
UTE TRIBAL 14-13D-54	13	050S		4301352702		ndian	OW	APD
UTE TRIBAL 11-31-55	31	050S		4301352703		ndian	OW	APD
State Tribal 3-11D-55	11	050S		4301352704		ndian	OW	APD
State Tribal 4-11D-55	11			4301352705	I	ndian	OW	APD
State Tribal 5-11D-55	11	050S		4301352706		ndian	OW	APD
State Tribal 6-11D-55	11	050S		4301352707		ndian	OW	APD
State Tribal 8-11D-55	11	050S		4301352708		ndian	OW	APD
State Tribal 7-11D-55	11	050S		4301352709		ndian	OW	APD
State Tribal 2-11D-55	11	050S		4301352710		ndian	OW	APD
State Tribal 1-11D-55	11	050S		4301352711		ndian	OW	APD
UTE TRIBAL 9-4D-55	4	050S		4301352713		ndian	OW	APD
State Tribal 2-10D-55	10	0508	1	4301352714		ndian	OW	APD
State Tribal 7-10D-55	10			4301352715		ndian	OW	APD
State Tribal 8-10D-55	10	050S		4301352716		ndian	OW	APD
UTE TRIBAL 10-4D-55	4			4301352717		ndian	OW	APD
UTE TRIBAL 15-4D-55	4	050S		4301352718		ndian	OW	APD
State Tribal 1-10D-55	10			4301352720		ndian	OW	APD
UTE TRIBAL 16-4D-55	4	050S		4301352721		ndian	OW	APD
State Tribal 4 10D 55	10	050S		4301352723		ndian	OW	APD
State Tribal 4-10D-55 State Tribal 5-10D-55	10	0508		4301352724		ndian	OW	APD
State Tribal 5-10D-55 State Tribal 6-10D-55	10	0508		4301352725		ndian	OW	APD
	10	,		4301352726		ndian	OW	APD
UTE TRIBAL 11-5D-55	5	050S		4301352727		ndian	OW	APD
UTE TRIBAL 12-5D-55	5			4301352728		ndian	OW	APD
UTE TRIBAL 14-5D-55	5			4301352729		ndian	OW	APD
UTE TRIBAL 14-5D-55	5			4301352730		ndian	OW	APD
UTE TRIBAL 9-30D-55	30	0508		4301352731		ndian	OW	APD
State Tribal 15-2D-55	2	0508	-	4301352732		ndian	OW	APD
State Tribal 16-2D-55	2	0508		4301352733		ndian	OW	APD
State Tribal 10-2D-55	2			4301352734		ndian	OW	APD
State Tribal 9-2D-55	2			4301352735		ndian	OW	APD
UTE TRIBAL 15 30D 55	30			4301352736		ndian	OW	APD
UTE TRIBAL 15-30D-55	30			4301352737		ndian	OW	APD
UTE TRIBAL 16-30D-55	30			4301352738		ndian	OW	APD
Myrin Tribal 9-19D-55	19			4301352739		ndian	OW	APD
State Tribal 16-3D-55	3			4301352740		ndian	OW	APD
State Tribal 15-3D-55	3	050S	050W	4301352741	I	ndian	_ow	APD

State Tribal 10-3D-55 State Tribal 9-3D-55			050W	4301352742		Indian	OW	APD
State Tribal 9-3D-55	1							M D
	3	050S_	050W	4301352743		Indian	OW	APD
Myrin Tribal 15-19D-55	19	050S	050W	4301352744		Indian	OW	APD
Myrin Tribal 13-19D-55	19	050S	050W	4301352745		Indian	ow	APD
Myrin Tribal 12-19D-55	19	050S	050W	4301352746		Indian	ow	APD
UTE TRIBAL 5-4D-55			<del>, , , , , , , , , , , , , , , , , , , </del>	4301352747		Indian	OW	APD
UTE TRIBAL 4-4D-55			<del></del>	4301352748		Indian	ow	APD
UTE TRIBAL 3-4D-55			·	4301352749		Indian	OW	APD
UTE TRIBAL 6-4D-55				4301352754		Indian	OW	APD
				_		Indian	ow	APD
UTE TRIBAL 3-31D-55				4301352757				
UTE TRIBAL 5-31D-55				4301352758		Indian	OW	APD
UTE TRIBAL 6-31D-55				4301352759		Indian	OW	APD
UTE TRIBAL 7-31D-55				4301352764		Indian	OW	APD
Myrin Tribal 11-19D-55	19			4301352765		Indian	OW	APD
Federal 8-14D-65	14	060S	050W	4301352767		Federal	OW	APD
Federal 7-14D-65	14	060S	050W	4301352768		Federal	OW	APD
Federal 2-14D-65	14	060S	050W	4301352769		Federal	OW	APD
Federal 1-14D-65	-			4301352770		Federal	OW	APD
UTE TRIBAL 8-5D-55			-	4301352773		Indian	ow	APD
UTE TRIBAL 4-31D-55				4301352775		Indian	OW	APD
			+					
UTE TRIBAL 4-30D-55				4301352796		Indian	OW	APD
UTE TRIBAL 5-30D-55		0508	+ +	4301352797		Indian	OW	APD
UTE TRIBAL 7-30D-55				4301352799		Indian	OW	APD
Federal 1-13D-65	13	060S	050W	4301352800		Federal	OW	APD
Federal 7-13D-65	13	060S	050W	4301352802		Federal	OW	APD
UTE TRIBAL 1-30D-55	30	050S	050W	4301352809		Indian	OW	APD
LC TRIBAL 6-25D-56		050S	060W	4301352810		Indian	ow	APD
LC TRIBAL 4-25D-56				4301352812		Indian	OW	APD
Federal 6-13D-65		060S		4301352813		Federal	OW	APD
Federal 4-13D-65		060S		4301352814		Federal	ow	APD
Federal 3-13D-65			-				ow	APD
		060S	1	4301352815		Federal		
Federal 3-16D-64		060S		4301352823		Federal	OW	APD
Federal 4-16D-64	+	060S		4301352824		Federal	OW	APD
Federal 5-16D-64		060S		4301352825		Federal	OW	APD
Federal 6-16D-64		060S		4301352826		Federal	OW	APD
Federal 5-13D-65	13	060S	050W	4301352827		Federal	OW	APD
LC TRIBAL 1-25D-56	25	050S	060W	4301352835		Indian	OW	APD
LC TRIBAL 2-25D-56		050S		4301352836		Indian	OW	APD
LC TRIBAL 8-25D-56		050S	+	4301352837		Indian	OW	APD
UTE FEE 1-13D-55		050S		4301352838		Fee	OW	APD
LC TRIBAL 9-25D-56		050S	-	4301352840		Indian	OW	APD
LC TRIBAL 15-25-56	+			4301352844			OW	
			+			Indian	<del></del>	APD
Federal 9-5D-65				4301352846		Federal	OW	APD
Federal 10-5D-65				4301352847		Federal	OW	APD
LC TRIBAL 16-25D-56			<del></del>	4301352848	Ļ	Indian	OW	APD
LC TRIBAL 10-25D-56	47.6			4301352849	ļ	Indian	OW	APD
UTE TRIBAL 8-30D-55	29	050S	050W	4301352855		Indian	OW	APD
UTE TRIBAL 9-29D-55	29	050S	050W	4301352870		Indian	OW	APD
UTE TRIBAL 6-24D-55	24			4301352871		Indian	OW	APD
UTE TRIBAL 16-17D-55				4301352872		Indian	OW	APD
UTE TRIBAL 13-27D-55	<del></del>	050S		4301352882	<del>                                     </del>	Indian	OW	APD
UTE TRIBAL 4-29D-55				4301352883		Indian	OW	APD
UTE TRIBAL 1-29D-55	29			4301352884	İ			
					···	Indian	OW	APD
Federal 4-2D-65				4301352885	<u> </u>	Federal	OW	APD
Federal 5-2D-65		060S		4301352886	ļ	Federal	OW	APD
Federal 12-2D-65				4301352887	ļ	Federal	OW	APD
LC TRIBAL 12-25D-56		050S		4301352888	} 	Indian	OW	APD
LC TRIBAL 13-25D-56	25	050S	060W	4301352890		Indian	OW	APD
LC TRIBAL 14-25D-56	25	050S	060W	4301352891		Indian	OW	APD
Federal 15-3D-65		060S	-	4301352892	T	Federal	OW	APD
Federal 9-3D-65				4301352893	-	Federal	OW	APD
Federal 8-3D-65	3	060S		4301352894	<del> -</del>	Federal	ow	APD
Federal 6-3D-65	3			4301352895		Federal		
					10500		OW	APD
UTE TRIBAL 6-28D-55				4301334056			OW	DRL
MOON TRIBAL 9-27D-54				4301334108			OW	DRL
LC TRIBAL 9-16D-56	16	050S	060W	4301350600	99999	Indian	OW	DRL

FEDERAL 15-6D-64	6	060S	040W	4301351219	18793	Federal	OW	DRL
UTE TRIBAL 9-21D-55	21	0508		4301351258			OW	DRL
STATE TRIBAL 2-12D-55	12	050S	050W	4301351310	19444	Indian	OW	DRL
UTE TRIBAL 7-10D-54	10	050S		4301351365			OW	DRL
LC TRIBAL 9-26D-56	26	050S			19433		OW	DRL
UTE TRIBAL 8-17D-55	17	-		4301351413			OW	DRL
LC TRIBAL 9-24D-45	24	040S			18861		OW	DRL
LC TRIBAL 2-29D-45	29	040S		4301351705			OW	DRL
LC TAYLOR FEE 14-22D-56	22	050S		4301351744			OW	DRL
LC FEE 14-6D-56	6	050S	<del></del>	4301351787	+		OW	DRL
LC FEE 15-6-56	6	050S		4301351792			OW	DRL
LC Fee 14-36D-56	36	050S		4301351878			OW	DRL
LC Fee 12-36-56	36	050S		4301351883			OW	DRL
LC Tribal 6-29D-45	29	040S		4301351902			OW	DRL
Federal 4-6D-65	6			4301351702			OW	DRL
Federal 12-6D-65	6	060S		4301352006			OW	DRL
UTE Tribal 14-18D-54	18			4301352213			GW	DRL
UTE Tribal 15-31D-55	31	050S		4301352309			GW	DRL
UTE Tribal 16-31D-55	31	+		4301352309				
State Tribal 1-12D-55	12	+					GW	DRL
State Tribal 16-6D-54		0508		4301352390			OW	DRL
	6	0508		4301352394			OW	DRL
State Tribal 10-6D-54	6	0508	+	4301352395	·		OW	DRL
State Tribal 9-6D-54	6	050S		4301352396			OW	DRL
State Tribal 7-7D-54	7			4301352426			OW	DRL
State Tribal 1-7D-54	7	050S		4301352427			OW	DRL
State Tribal 2-7D-54	7	050S		4301352428			OW	DRL
State Tribal 3-7D-54	7	050S		4301352429			OW	DRL
State Tribal 4-7D-54	7	_		4301352431			OW	DRL
State Tribal 5-7D-54	7	050S		4301352432			OW	DRL
State Tribal 6-7D-54	7	050S	-	4301352433			OW	DRL
State Tribal 11-6D-54	6	050S		4301352452			OW	DRL
State Tribal 12-6D-54	6	050S		4301352453			OW	DRL
State Tribal 13-6D-54	6	050S	040W	4301352454	19476	Indian	OW	DRL
State Tribal 14-6D-54	6	050S	040W	4301352455	19477	Indian	ow	DRL
Ute Tribal 1-9D-54	9	050S	040W	4301352465	19356	Indian	ow	DRL
Ute Tribal 7-9D-54	9	050S	040W	4301352466	19357	Indian	ow	DRL
UTE TRIBAL 12-5D-54	5	050S	040W	4301352480	19499	Indian	OW	DRL
UTE TRIBAL 13-5D-54	5	050S	040W	4301352484	19500	Indian	OW	DRL
UTE TRIBAL 14-5D-54	5	050S	040W	4301352493	19510	Indian	ow	DRL
State Tribal 13-11D-54	10	050S	040W	4301352561	19519	Indian	OW	DRL
State Tribal 1-18D-54	18	050S	040W	4301352568	19434	Indian	OW	DRL
State Tribal 2-18D-54	18	050S	040W	4301352576	19427	Indian	ow	DRL
State Tribal 8-18D-54	18	0508		4301352577			OW	DRL
State Tribal 4-18D-54	18	0508		4301352607			OW	DRL
State Tribal 3-18D-54	18	050S	040W	4301352608	19436	Indian	OW	DRL
State Tribal 6-18D-54	18	050S	040W	4301352609	19437	Indian	OW	DRL
State Tribal 5-12-55	12	050S		4301352643			OW	DRL
State Tribal 12-12D-55	12	0508		4301352644			OW	DRL
State Tribal 6-12D-55	12	050S		4301352645			OW	DRL
State Tribal 16-1D-55	1			4301352646			OW	DRL
State Tribal 15-1D-55	1	050S		4301352647			OW	DRL
State Tribal 10-1D-55	1	050S		4301352648			OW	DRL
State Tribal 9-1D-55	1	050S		4301352649			OW	DRL
LC FEE 16-15D-56	14	050S		4301352655			OW OW	DRL
LC Tribal 2-22D-56	22			4301352663			OW	DRL
LC Tribal 3-22D-56	22	050S		4301352664			OW	DRL
Federal 2-13-65	13	060S				Federal	OW	DRL
Federal 8-13D-65	13	060S		4301352801			OW	DRL
Federal 12-8D-64	7	060S		4301352832			OW	DRL
Federal 5-8D-64	+7	060S		4301352833			OW	DRL
Federal 4-8D-64	7	060S		4301352834			OW	
Federal 3-8D-64	5	060S		4301352845				DRL
LC TRIBAL 4H-31-56	31	050S		4301352843	1/303	Indian	OW	DRL
Federal 14-7D-65	31	050S		4301351736			OW	NEW
LC Fee 11-22-57	22	+				Indian	OW	NEW
LC Fee 13-22D-57				4301352127	<u> </u>	Fee	OW	NEW
LC 1 W 13-22D-37	22	050S	<u> U/UW</u>	4301352131	Ĺ	Fee	ow _	NEW

LC Tribal 5-22D-57	22			4301352133		Indian	OW	NEW
LC Tribal 15-22D-57	22	050S	070W	4301352134	İ	Indian	OW	NEW
LC Tribal 11-18D-56	18	050S	060W	4301352140		Indian	OW	NEW
LC Tribal 13-18D-56	18	050S	060W	4301352141		Indian	OW	NEW
LC Tribal 15-18D-56	18	050S	060W	4301352142		Indian	OW	NEW
LC Tribal 7-18D-56	18	050S	060W	4301352153		Indian	ow	NEW
LC Tribal 5-18D-56	18	050S	060W	4301352154		Indian	OW	NEW
LC Tribal 3-18-56	18	050S	060W	4301352155		Indian	ow	NEW
LC Tribal 6-19D-56	19	050S	060W	4301352247		Indian	ow	NEW
LC Tribal 4-19D-56	19			4301352248		Indian	ow	NEW
Abbott Fee 3-6D-54	6		·	4301352325		Fee	ow	NEW
LC Fee 9-11D-56	11			4301352479		Fee	OW	NEW
Williams Tribal 8-4D-54	4			4301352650		Indian	OW	NEW
Williams Tribal 7-4D-54	4	-		4301352651		Indian	OW	NEW
Williams Tribal 2-4D-54	4		+	4301352652		Indian	OW	NEW
Williams Tribal 1-4D-54	4			4301352653	+	Indian	OW	NEW
Federal 9-8D-64	9	060S	<del></del>	4301352880		Federal	ow	NEW
Federal 16-8D-64	9			4301352881		Federal	OW	NEW
LC Nielsen Tribal 6-33D-56	33			4301352896		Indian	OW	NEW
LC Nielsen Tribal 2-33D-56	33			4301352897		Indian	OW	NEW
LC Nielsen Tribal 4-33D-56	33			4301352898		Indian	OW OW	NEW
LC Nielsen Tribal 5-33D-56	33	050S		4301352899		Indian	OW	NEW
UTE FEE 13-9D-54	9			4301352906		Fee	OW OW	NEW
UTE FEE 2-34D-55	27			4301352901		Fee	OW OW	NEW
Federal 13-7D-65	7			4301352974		Federal	OW OW	NEW
Federal 14-7D-65	7	060S		4301352975	-	Federal	OW OW	NEW
UTE TRIBAL 6-27D-55	27			4301352976	-	Indian	ow	NEW
LC Nielsen Tribal 12-27D-56	27			4301352977		Indian	OW	NEW
LC Nielsen Tribal 13-27D-56	27	050S		4301352978		Indian	OW	NEW
LC Nielsen Tribal 16-28D-56	27			4301352979		Indian	OW	NEW
LC Nielsen Fee 9-28D-56	27	050S		4301352980		Fee	OW OW	NEW
LC FEE 9-36D-56	36			4301352982		Fee	OW	NEW
LC FEE 15-36D-56	36	050S		4301352983	<del></del>	Fee	OW OW	NEW
LC TRIBAL 6-36D-56	36	050S		4301352984		Indian	OW OW	NEW
LC TRIBAL 5-36D-56	36	050S		4301352985		Indian	ow ow	NEW
LC TRIBAL 4-36D-56	36			4301352986		Indian	OW	NEW
LC TRIBAL 3-36D-56	36			4301352987		Indian	ŌW	NEW
LC TRIBAL 2-35D-56	35	050S		4301352988	1	Indian	OW	NEW
LC TRIBAL 1-35D-56	35	050S		4301352989		Indian	OW	NEW
UTE TRIBAL 13-3R-54	3			4301330924		Indian	OW	OPS
UTE TRIBAL 3-20D-55	20			4301333280		Indian	OW	OPS
LC TRIBAL 4H-17-56	17			4301333540			ow	OPS
LC TRIBAL 16-21-46	21			4301333575			OW	OPS
UTE TRIBAL 8-20D-55	20			4301333676			OW	OPS
UTE TRIBAL 14-14D-55	14			4301333699			OW	OPS
UTE TRIBAL 5-29D-55	29			4301333740			ow	OPS
UTE TRIBAL 7-32D-55	32			4301333794			OW	OPS
UTE TRIBAL 12-27D-55	27			4301333798			OW	OPS
FOY 9-33D-55	33			4301333802			OW	OPS
BERRY TRIBAL 2-23D-54	23			4301333805			OW	OPS
UTE TRIBAL 13-29D-55	29			4301333807			OW	OPS
UTE TRIBAL 16-28D-55	28			4301333887			OW	OPS
LC FEE 8-15D-56	15		+	4301350597			OW	OPS
SFW FEE 13-10D-54	10			4301350892			OW	OPS
SFW TRIBAL 11-10D-54	10			4301350893			OW	OPS
LC TRIBAL 5HH-5-56	4			4301350927			OW	OPS
LC TRIBAL 16-34D-45	34			4301350977			OW	OPS
LC TRIBAL 3-4D-56	4			4301351000			OW	OPS
FEDERAL 7-12D-65	12	060S	050W	4301351058	18717	Federal	OW	OPS
LC TRIBAL 2-33D-45	33			4301351402			OW	OPS
LC TRIBAL 9-3D-56	3			4301351514			OW	OPS
LC Tribal 3-34D-56	34			4301352087			OW	OPS
LC Tribal 7-34D-56	34	050S	060W	4301352088	19235	Indian	OW	OPS
Ute Tribal 5-9D-54	9	050S	040W	4301352463	19354	Indian	OW	OPS
Ute Tribal 3-9D-54	9			4301352464			OW	OPS
BC UTE TRIBAL 4-22	22			4301330755			ow	P

DOUTE TRIBAL 16 16	1.0	0.500	0.40777	4001000041	0.400	T 11	low.	-	T
B C UTE TRIBAL 16-16	16			4301330841		Indian	OW	P	
B C UTE TRIBAL 14-15	15		-	4301330842	-	Indian	OW	P	
UTE TRIBAL 1-32R	32	-		4301330872			OW	P	
UTE TRIBAL 23-3R	23	-		4301330886	13034	<del></del>	OW	P	
S COTTONWOOD RIDGE UTE TRIBAL 1-19		·	<del></del>	4301330933		Indian	OW	P	BRUNDAGE CANYON
TABBY CYN UTE TRIBAL 1-25	25				+	Indian	OW	P	
S BRUNDAGE UTE TRIBAL 1-30	30			<del></del>	<del></del>	Indian	OW	P	
SOWERS CYN UTE TRIBAL 3-26	26			4301330955	10423		OW	P	
UTE TRIBAL 3-24R-55 (REENTRY)	24	<del></del>	<del></del>	4301330960	15173		OW	P	
UTE TRIBAL 1-20	20		<del></del>			Indian	OW	P	
T C UTE TRIBAL 9-23X	23		+			Indian	OW	P	
UTE TRIBAL 15-24R	24			4301331129			OW	P	
S BRUNDAGE CYN UTE TRIBAL 4-27	27			4301331131	+	Indian	OW	P	
UTE TRIBAL 5-13	13			4301331152	10421		OW	P	
UTE TRIBAL 7-20R-54	20		<del></del>	4301331281	14088		OW_	P	
Z and T UTE TRIBAL 7-19	19			4301331282			OW	P	BRUNDAGE CANYON
UTE TRIBAL 13-19	19			4301331284	11134		OW	P	\
Z and T UTE TRIBAL 7-25	25			4301331310	11416		OW	P	
UTE TRIBAL 13-17	17			4301331546			OW	P	BRUNDAGE CANYON
UTE TRIBAL 11-19	19			4301331547			OW	P	
UTE TRIBAL 13-22	22			4301331548			OW	P	
UTE TRIBAL 1-28	28			4301331549			OW	P	
UTE TRIBAL 4-30	30			4301331550			OW	P	
UTE TRIBAL 15-16	16			4301331648			OW	P	
UTE TRIBAL 16-18	18	050S	040W	4301331650	11946	Indian	OW	P	<b>BRUNDAGE CANYON</b>
UTE TRIBAL 5-20	20			4301331651	11957	Indian	OW	P	
UTE TRIBAL 15-23	23	050S	050W	4301331671	11989	Indian	OW	P	
TABBY CANYON 1-21	21	050S	050W	4301331699	12225	Indian	OW	P	
TABBY CANYON 8-22	22			4301331700			OW	P	
SOWERS CANYON 9-27	27			4301331701	11997		OW	P	
UTE TRIBAL 3-19	19	050S	040W	4301331830	12197	Indian	OW	P	144
UTE TRIBAL 9-19	19				12175		OW	P	
UTE TRIBAL 15-19	19	050S	040W	4301331832	12180	Indian	OW	P	
UTE TRIBAL 2-25	25	050S	050W	4301331833	12153	Indian	OW	P	
UTE TRIBAL 3-25	25	050S	050W	4301331834	12152	Indian	OW	P	
UTE TRIBAL 11-24	24	050S	050W	4301331909	12190	Indian	OW	P	
UTE TRIBAL 13-24	24	050S	050W	4301331910	12217	Indian	OW	P	
UTE TRIBAL 11-25	25	050S	050W	4301331911	12182	Indian	OW	P	
UTE TRIBAL 1-26	26	050S	050W	4301331912	12235	Indian	OW	P	
UTE TRIBAL 2-19	19	050S	040W	4301332140	12795	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-25H	25	050S	050W	4301332143	12750	Indian	OW	P	
UTE TRIBAL 9-18	18	050S	040W	4301332144	12746	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 11-17	17	050S	040W	4301332145	12747	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 12-17	17	050S	040W	4301332146	12745	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 14-17	17			4301332147			OW	P	BRUNDAGE CANYON
UTE TRIBAL 15-18	18	050S	040W	4301332148	12794	Indian	OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-22	22			4301332163			OW	P	
UTE TRIBAL 6-21	21	050S	040W	4301332164	12994	Indian	OW	P	
UTE TRIBAL 7-28	28			4301332166			OW	P	
UTE TRIBAL 11-20	20			4301332168			OW	P	
UTE TRIBAL 13-25	25			4301332169			OW	P	
UTE TRIBAL 2-27	27			4301332179			OW	P	
UTE TRIBAL 1-33	33			4301332185			OW	P	
UTE TRIBAL 1-34	34			4301332186			OW	P	
UTE TRIBAL 2-35	35			4301332187			OW	P	
UTE TRIBAL 4-36	36			4301332188			OW	P	
UTE TRIBAL 5-28	28			4301332189			OW	P	
UTE TRIBAL 5-31	31			4301332190			ow	P	
UTE TRIBAL 9-26	26			4301332191			OW	P	
UTE TRIBAL 11-28	28			4301332192			OW	P	
UTE TRIBAL 3-29	29			4301332193			OW	P	
UTE TRIBAL 5-19	19			4301332204			OW	P	
UTE TRIBAL 12-15	15			4301332205			OW	P	
UTE TRIBAL 13-20	20			4301332206			ow	P	<u> </u>
UTE TRIBAL 1-24-55	24			4301332259			OW OW	P	
UTE TRIBAL 3-28-54	28							+=	
U . 2 AREDARD U 20-04	140	0202	U+U W	4301332261	13044	maian	OW	<u>P</u>	

ULE TRIBAL, 5-26-55	·									
UTE   FIRMAL   5-95-55   36   6905   6904   490133226   13606   Indian   OW   P	UTE TRIBAL 5-24-55	24	050S	050W	4301332263	13621	Indian	ow	P	
CLI TRIBAL 4-96-55		26			+				P	
UTE TRIBAL 1923-55  23  30  30  30  40  40  40  40  40  40  4									P	
UTE TRIBAL 19-23-55						1			<del></del>	
UTE TRIBAL 15-25-55  25										
UTE TRIBAL 15-15-55  15 0508   509W   401332374   13606   Indian   OW   P    UTE TRIBAL 51-5-55  15 0508   509W   401332344   13607   Indian   OW   P    UTE TRIBAL 51-5-55  15 0508   509W   401332344   13607   Indian   OW   P    UTE TRIBAL 12-23-54  23 0508   509W   401332347   13606   Indian   OW   P    UTE TRIBAL 12-23-54  23 0508   509W   401332347   13608   Indian   OW   P    UTE TRIBAL 12-23-55  29 0508   509W   401332347   13608   Indian   OW   P    UTE TRIBAL 15-25-55  29 0508   509W   401332347   13608   Indian   OW   P    UTE TRIBAL 15-25-55  20 0508   509W   401332349   13681   Indian   OW   P    UTE TRIBAL 15-25-55  20 0508   509W   401332349   13681   Indian   OW   P    UTE TRIBAL 15-25-55  30 0508   509W   401332359   13681   Indian   OW   P    UTE TRIBAL 15-26-55  30 0508   509W   401332359   13681   Indian   OW   P    UTE TRIBAL 15-26-55  30 0508   509W   401332359   13651   Indian   OW   P    UTE TRIBAL 15-26-55  30 0508   509W   401332359   13651   Indian   OW   P    UTE TRIBAL 15-26-55  30 0508   509W   401332359   13651   Indian   OW   P    UTE TRIBAL 15-26-55  30 0508   509W   401332359   13685   Indian   OW   P    UTE TRIBAL 15-26-55  31 0508   509W   401332359   13685   Indian   OW   P    UTE TRIBAL 15-26-55  32 0508   509W   401332359   13685   Indian   OW   P    UTE TRIBAL 15-26-55  33 0508   509W   401332359   13685   Indian   OW   P    UTE TRIBAL 15-26-54  34 0508   509W   401332359   13685   Indian   OW   P    UTE TRIBAL 15-26-54  20 0508   509W   401332359   13687   Indian   OW   P    UTE TRIBAL 15-26-54  20 0508   509W   401332359   13687   Indian   OW   P    UTE TRIBAL 15-26-54  20 0508   509W   401332359   13687   Indian   OW   P    UTE TRIBAL 15-26-54  20 0508   509W   401332359   13687   Indian   OW   P    UTE TRIBAL 15-26-54  20 0508   509W   401332359   13687   Indian   OW   P    UTE TRIBAL 15-26-54  20 0508   509W   401332359   13697   Indian   OW   P    UTE TRIBAL 15-26-54  20 0508   509W   401332359   13697   Indian   OW   P    UTE TRIBAL 15-26-55  20 0508   609W   40133235										
UTE TRIBAL 15-27-55  15					<del></del>	+	<del></del>			
UFE TRIBAL 1-29-55										
UFF TRIBAL 1-23-55										
MOON TRIBAL 12-23-54	UTE TRIBAL 5-15-55	15	050S	050W	4301332344	13606	Indian	OW	P	
UTE TRIBAL 14-28-55  28  0596  0590	UTE TRIBAL 7-20-55	20	050S	050W	4301332346	13607	Indian	OW	P	
UTE TRIBAL 14-28-55  28  0596  0590	MOON TRIBAL 12-23-54	23	050S	040W	4301332347	14008	Indian	OW	P	
UTE TRIBAL 16-29-55  29 0050  090W 430133239  1016 TRIBAL 16-35-55  35 0050  090W 430133239  10467 Indian  0W P  UTE TRIBAL 16-35-55  35 0050  090W 430133239  10467 Indian  0W P  UTE TRIBAL 16-35-55  36 0050  090W 4301332351  10467 Indian  0W P  UTE TRIBAL 18-36-55  36 0050  090W 4301332351  10467 Indian  0W P  UTE TRIBAL 18-36-55  36 0050  090W 4301332351  10462 Indian  0W P  UTE TRIBAL 18-36-55  36 0050  090W 4301332351  10463 Indian  0W P  UTE TRIBAL 18-36-55  36 0050  090W 4301332351  10462 Indian  0W P  UTE TRIBAL 18-30-55  17 0050  090W 4301332351  10461 Indian  0W P  UTE TRIBAL 18-17-55  17 0050  090W 4301332351  10461 Indian  0W P  UTE TRIBAL 18-17-55  17 0050  090W 4301332371  10461 Indian  0W P  UTE TRIBAL 18-17-55  17 0050  090W 4301332371  10470 Indian  0W P  UTE TRIBAL 18-17-55  17 0050  090W 4301332371  10505 Indian  0W P  UTE TRIBAL 18-17-55  17 0050  090W 4301332371  10505 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332371  10505 Indian  0W P  UTE TRIBAL 18-30-54  30 0050  090W 4301332371  10505 Indian  0W P  UTE TRIBAL 18-30-54  30 0050  090W 4301332371  10505 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332371  10505 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332371  10505 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10510 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10500 Indian  0W P  UTE TRIBAL 18-20-54  20 0050  090W 4301332381  10500 Indian  0W P  UTE TRIBAL 18-20-55  20 0050  090W 4301332381  10500 India	UTE TRIBAL 14-28-55							<del></del>	P	
UTE TRIBAL 1-03-555										
UTE TRIBAL 16-35-55  35  0505  0509  4003 13032353 13645 Indiam  0W  P  UTE TRIBAL 12-36-55  36  0505  0509  0509  401332355 13645 Indiam  0W  P  UTE TRIBAL 12-36-55  36  0505  0509  0509  401332355 1362 Indiam  0W  P  UTE TRIBAL 18-36-55  36  0505  0509  0509  401332355 1362 Indiam  0W  P  UTE TRIBAL 18-36-55  36  0505  0509  0509  401332355 1365 Indiam  0W  P  UTE TRIBAL 18-36-55  37  0505  0509  0609  0709										
UTE TRIBAL 10-35-55				_		+	+			
UFF TRIBAL 12-36-55   36					<del></del>					
UTE TRIBAL 14-36-55   36						-	<del></del>		— <del>-</del>	
UPE TRIBAL 16-36-55   36	UTE TRIBAL 12-36-55	36		-				OW	P	
UTE TRIBAL 1-33-55	UTE TRIBAL 14-36-55	36	050S	050W	4301332355	14262	Indian	OW	P	
UTE TRIBAL 1-33-55	UTE TRIBAL 16-36-55	36	0508	050W	4301332356	14122	Indian	OW	P	
UTE TRIBAL 15-17-55  17	UTE TRIBAL 4-33-55								р	
UTE TRIBAL 12-14-54 20 050S 040W 4301332377 13955 Indian 0W P BRUNDAGE CANYON UTE TRIBAL 3-20-54 21 050S 040W 4301332378 13907 Indian 0W P UTE TRIBAL 3-20-54 20 050S 040W 4301332378 13907 Indian 0W P UTE TRIBAL 5-30-54 30 050S 040W 4301332380 13905 Indian 0W P UTE TRIBAL 15-30-54 30 050S 040W 4301332380 13905 Indian 0W P UTE TRIBAL 15-30-54 30 050S 040W 4301332381 13907 Indian 0W P UTE TRIBAL 15-30-54 30 050S 040W 4301332381 13907 Indian 0W P UTE TRIBAL 15-30-54 30 050S 040W 4301332381 13908 Indian 0W P UTE TRIBAL 12-154 21 050S 040W 4301332381 13908 Indian 0W P UTE TRIBAL 12-154 21 050S 040W 4301332381 13908 Indian 0W P UTE TRIBAL 15-20-54 20 050S 040W 4301332381 13908 Indian 0W P UTE TRIBAL 15-20-54 20 050S 040W 4301332381 13908 Indian 0W P UTE TRIBAL 15-20-54 28 050S 040W 4301332388 13910 Indian 0W P UTE TRIBAL 15-28-54 28 050S 040W 4301332388 13910 Indian 0W P UTE TRIBAL 15-28-54 28 050S 040W 4301332388 13910 Indian 0W P UTE TRIBAL 15-28-54 28 050S 040W 4301332389 13909 Indian 0W P UTE TRIBAL 15-28-54 28 050S 040W 4301332389 13909 Indian 0W P UTE TRIBAL 15-28-54 28 050S 040W 4301332389 13909 Indian 0W P UTE TRIBAL 15-28-54 28 050S 040W 4301332389 13909 Indian 0W P UTE TRIBAL 15-28-54 27 050S 040W 4301332389 13909 Indian 0W P UTE TRIBAL 15-28-54 27 050S 040W 4301332389 13909 Indian 0W P UTE TRIBAL 15-28-54 27 050S 040W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-54 27 050S 040W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 28 050S 040W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 29 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 20 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 20 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 20 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 21 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 23 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 23 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-28-55 23 050S 050W 430133241 13936 Indian 0W P UTE TRIBAL 15-35-5 23 050S 050W 430133251 13948 Indian 0W P UTE										
UTE TRIBAL 3-20-54  20  6050  6060  6070  7070						+				
UTE TRIBAL 4-21-54  21  050S  040W  430133278  13907  Indian  0W  P  UTE TRIBAL 5-30-54  30  050S  040W  4301332378  13905  Indian  0W  P  UTE TRIBAL 15-30-54  21  050S  040W  4301332381  13905  Indian  0W  P  BERRY PILOT EOR 246-0.  UTE TRIBAL 15-30-54  30  050S  040W  4301332381  13905  Indian  0W  P  BERRY PILOT EOR 246-0.  UTE TRIBAL 15-30-54  30  050S  040W  4301332381  13905  Indian  0W  P  BERRY PILOT EOR 246-0.  UTE TRIBAL 12-34-1  21  050S  040W  4301332381  13905  Indian  0W  P  BERRY PILOT EOR 246-0.  UTE TRIBAL 12-15-4  21  050S  040W  4301332381  13908  Indian  0W  P  UTE TRIBAL 15-20-54  20  050S  040W  4301332381  13908  Indian  0W  P  UTE TRIBAL 15-20-54  20  050S  040W  4301332381  13908  Indian  0W  P  UTE TRIBAL 15-20-54  28  050S  040W  4301332381  13908  Indian  0W  P  UTE TRIBAL 15-28-54  28  050S  040W  4301332381  13909  Indian  0W  P  UTE TRIBAL 15-28-54  28  050S  040W  4301332381  13909  Indian  0W  P  UTE TRIBAL 15-28-54  28  050S  050W  4301332391  13909  Indian  0W  P  UTE TRIBAL 14-27-54  27  050S  050W  4301332381  13909  Indian  0W  P  UTE TRIBAL 14-27-54  27  050S  040W  4301332381  13909  Indian  0W  P  UTE TRIBAL 14-27-54  27  050S  040W  4301332401  13949  Indian  0W  P  UTE TRIBAL 14-27-55  20  050S  040W  4301332411  13909  Indian  0W  P  UTE TRIBAL 12-25-55  20  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 12-25-55  20  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 12-25-55  20  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 12-25-55  20  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 13-35-4  30  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 13-25-55  20  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 13-25-55  20  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 13-35-54  30  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 13-35-54  30  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 13-35-55  20  050S  050W  4301332411  13909  Indian  0W  P  UTE TRIBAL 13-35-55  20  050S  050W  43									<del>_</del>	PRINTS A CE CANTIGOT
UTE TRIBAL 9-20-54  10 050S 040W 4503132379   13906   Indian						+				BRUNDAGE CANYON
UTE TRIBAL 5-30-54  10 050S 040W 4301332380 13995    Indian							<del></del>		P	
UTE TRIBAL 16-21-54  10 050S 040W 430133238   13912   Indian   OW   P    UTE TRIBAL 9-30-54  10 050S 040W 430133238   13945   Indian   OW   P    UTE TRIBAL 9-30-54  21 050S 040W 430133238   13946   Indian   OW   P    UTE TRIBAL 12-2-54  21 050S 040W 430133238   13946   Indian   OW   P    UTE TRIBAL 12-2-54  21 050S 040W 430133238   13938   Indian   OW   P    UTE TRIBAL 15-20-54  20 050S 040W 430133238   13938   Indian   OW   P    UTE TRIBAL 15-20-54  20 050S 040W 430133238   13910   Indian   OW   P    UTE TRIBAL 15-28-54  28 050S 040W 430133238   13910   Indian   OW   P    UTE TRIBAL 15-28-54  28 050S 040W 430133238   13910   Indian   OW   P    UTE TRIBAL 15-28-54  28 050S 040W 430133238   13910   Indian   OW   P    UTE TRIBAL 15-28-54  28 050S 040W 430133238   13990   Indian   OW   P    UTE TRIBAL 16-25-55  25 050S 050W 430133238   13990   Indian   OW   P    MOON TRIBAL 14-27-54  27 050S 040W 4301332407   13969   Indian   OW   P    MOON TRIBAL 14-27-54  27 050S 040W 4301332401   13949   Indian   OW   P    UTE TRIBAL 7-32-54  32 050S 040W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  20 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  27 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  27 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  27 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  27 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  28 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  29 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  20 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  21 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  22 050S 050W 430133241   13945   Indian   OW   P    UTE TRIBAL 1-20-55  23 050S 050W 430133241   14866   Indian   OW   P    UTE TRIBAL 1-20-55  23 050S 050W 430133241   14866   Indian   OW   P    UTE TRIBAL 1-23-55  23 050S 050W 430133241   14866   Indian   OW   P    UTE TRIBAL 1-33-	UTE TRIBAL 9-20-54	20	050S					OW	P	
UTE TRIBAL 15-30-54  10 050S 040W 4301332382 13944 [Indian OW P  UTE TRIBAL 14-21-54  21 050S 040W 4301332383 13928 [Indian OW P  UTE TRIBAL 12-21-54  21 050S 040W 4301332383 13928 [Indian OW P  UTE TRIBAL 15-20-54  20 050S 040W 4301332385 13928 [Indian OW P  UTE TRIBAL 15-20-54  28 050S 040W 4301332386 13911 [Indian OW P  UTE TRIBAL 13-28-54  28 050S 040W 4301332387 13908 [Indian OW P  UTE TRIBAL 13-28-54  28 050S 040W 4301332388 13990 [Indian OW P  UTE TRIBAL 15-28-54  28 050S 040W 4301332389 13909 [Indian OW P  UTE TRIBAL 15-28-54  28 050S 040W 4301332389 13909 [Indian OW P  UTE TRIBAL 15-28-54  28 050S 040W 4301332389 13909 [Indian OW P  UTE TRIBAL 15-28-54  28 050S 040W 4301332389 13909 [Indian OW P  UTE TRIBAL 15-28-54  27 050S 040W 4301332407 13969 [Indian OW P  MOON TRIBAL 6-27-54  27 050S 040W 4301332407 13969 [Indian OW P  UTE TRIBAL 13-25-54  27 050S 040W 4301332401 [13998  Indian OW P  UTE TRIBAL 13-25-54  29 050S 040W 430133241 [13998  Indian OW P  UTE TRIBAL 1-33-25-54  20 050S 040W 430133241 [13996  Indian OW P  UTE TRIBAL 1-27-55  20 050S 050W 430133241 [13996  Indian OW P  UTE TRIBAL 1-27-55  20 050S 050W 430133241 [13996  Indian OW P  UTE TRIBAL 1-27-55  27 050S 050W 430133241 [13996  Indian OW P  UTE TRIBAL 1-27-55  27 050S 050W 430133241 [13996  Indian OW P  UTE TRIBAL 1-27-55  27 050S 050W 430133241 [13947  Indian OW P  UTE TRIBAL 1-28-55  28 050S 050W 430133241 [13947  Indian OW P  UTE TRIBAL 1-28-55  29 050S 050W 430133241 [13947  Indian OW P  UTE TRIBAL 1-28-55  20 050S 050W 430133241 [13947  Indian OW P  UTE TRIBAL 1-28-55  20 050S 050W 430133241 [13948  Indian OW P  UTE TRIBAL 1-28-55  21 050S 050W 430133241 [13948  Indian OW P  UTE TRIBAL 1-38-55  22 050S 050W 430133241 [13948  Indian OW P  UTE TRIBAL 1-38-55  23 050S 050W 430133241 [13948  Indian OW P  UTE TRIBAL 1-38-55  23 050S 050W 430133241 [13948  Indian OW P  UTE TRIBAL 1-38-55  23 050S 050W 430133241 [13948  Indian OW P  UTE TRIBAL 1-33-54  31 050S 040W 4301332521 [1406  Indian OW P  UTE TRIBAL 1-33-54  31 050S 040W 4301332521	UTE TRIBAL 5-30-54	30	050S	040W	4301332380	13905	Indian	OW	P	
UTE TRIBAL 15-30-54  30  0505  0609W  4301332382  13946  Indian  0W  P  UTE TRIBAL 14-21-54  21  0505  040W  4301332383  13946  Indian  0W  P  UTE TRIBAL 12-21-54  21  0505  040W  4301332381  13946  Indian  0W  P  UTE TRIBAL 12-21-54  21  0505  040W  4301332383  13928  Indian  0W  P  UTE TRIBAL 15-20-54  20  0505  040W  4301332383  13928  Indian  0W  P  UTE TRIBAL 13-28-54  28  0505  040W  4301332387  13908  Indian  0W  P  UTE TRIBAL 13-28-54  28  0505  040W  4301332387  13908  Indian  0W  P  UTE TRIBAL 15-28-54  28  0505  040W  4301332389  13909  Indian  0W  P  UTE TRIBAL 15-28-54  28  0505  050W  4301332389  13909  Indian  0W  P  UTE TRIBAL 15-28-54  27  0505  050W  4301332387  13908  Indian  0W  P  UTE TRIBAL 15-28-54  28  0505  050W  4301332387  13908  Indian  0W  P  UTE TRIBAL 15-28-54  27  0505  050W  4301332387  13908  Indian  0W  P  UTE TRIBAL 13-28-54  27  0505  050W  4301332407  13908  Indian  0W  P  UTE TRIBAL 13-25-54  27  0505  050W  4301332407  13908  Indian  0W  P  UTE TRIBAL 13-25-54  27  0505  050W  4301332407  13908  Indian  0W  P  UTE TRIBAL 13-25-54  27  0505  050W  4301332401  13998  Indian  0W  P  UTE TRIBAL 1-27-55  20  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 12-27-55  27  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 12-27-55  27  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 12-27-55  27  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 12-27-55  27  050S  050W  4301332411  13908  Indian  0W  P  UTE TRIBAL 13-25-5  27  050S  050W  4301332417  14002  Indian  0W  P  UTE TRIBAL 13-25-5  27  050S  050W  4301332411  13908  Indian  0W  P  UTE TRIBAL 13-25-5  27  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 13-35-5  27  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 13-35-5  27  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 13-35-5  28  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 13-35-5  29  050S  050W  4301332411  13906  Indian  0W  P  UTE TRIBAL 13-35-5  20  050S  050W  4301332411  13906  Indian  0W	UTE TRIBAL 16-21-54	21	050S	040W	4301332381	13912	Indian	OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 9-30-54  10	UTE TRIBAL 15-30-54	30	050S						P	
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UTE TRIBAL 8-32-55         32         0508         050W         4301332421         14896         Indian         OW         P           UTE TRIBAL 2-36-55         36         050S         050W         4301332422         13937         Indian         OW         P           UTE TRIBAL 8-36-55         36         050S         050W         4301332423         14021         Indian         OW         P           UTE TRIBAL 13-16-54         16         050S         050W         4301332513         13975         Indian         OW         P           UTE TRIBAL 13-23-55         23         050S         050W         4301332513         13975         Indian         OW         P           UTE TRIBAL 5-33-54         33         050S         050W         4301332521         13976         Indian         OW         P           UTE TRIBAL 11-33-54         33         050S         040W         4301332521         14060         Indian         OW         P           UTE TRIBAL 14-32-54         32         050S         040W         4301332522         14061         Indian         OW         P           UTE TRIBAL 1-31-54         31         050S         040W         43013332523         14062         Ind										
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UTE TRIBAL 8-36-55         36         050S         050W         4301332423         14021         Indian         OW         P           UTE TRIBAL 13-16-54         16         050S         040W         4301332511         13981         Indian         OW         P           UTE TRIBAL 13-23-55         23         050S         050W         4301332513         13975         Indian         OW         P           UTE TRIBAL 7-23-55         23         050S         050W         4301332514         13976         Indian         OW         P           UTE TRIBAL 5-33-54         33         050S         040W         4301332521         14060         Indian         OW         P           UTE TRIBAL 11-33-54         32         050S         040W         4301332523         14061         Indian         OW         P           UTE TRIBAL 1-23-55         23         050S         040W         4301332521         14062         Indian         OW         P           UTE TRIBAL 1-23-55         23         050S         050W         4301332525         14045         Indian         OW         P           UTE TRIBAL 1-31-54         31         050S         040W         4301332525         14105         India									<del></del>	
UTE TRIBAL 13-16-54         16         050S         040W         4301332511         13981         Indian         OW         P           UTE TRIBAL 13-23-55         23         050S         050W         4301332513         13975         Indian         OW         P           UTE TRIBAL 7-23-55         23         050S         050W         4301332514         13976         Indian         OW         P           UTE TRIBAL 5-33-54         33         050S         040W         4301332521         14060         Indian         OW         P           UTE TRIBAL 11-33-54         33         050S         040W         4301332522         14061         Indian         OW         P           UTE TRIBAL 14-32-54         32         050S         040W         4301332523         14062         Indian         OW         P           UTE TRIBAL 5-29-55         23         050S         050W         4301332524         14044         Indian         OW         P           UTE TRIBAL 1-31-54         31         050S         040W         4301332525         14045         Indian         OW         P           UTE TRIBAL 7-31-54         31         050S         040W         4301332525         14045         Indi										
UTE TRIBAL 13-23-55         23         050S         050W         4301332513         13975         Indian         OW         P           UTE TRIBAL 7-23-55         23         050S         050W         4301332514         13976         Indian         OW         P           UTE TRIBAL 5-33-54         33         050S         040W         4301332521         14060         Indian         OW         P           UTE TRIBAL 11-33-54         33         050S         040W         4301332522         14061         Indian         OW         P           UTE TRIBAL 14-32-54         32         050S         040W         4301332523         14062         Indian         OW         P           UTE TRIBAL 1-23-55         23         050S         050W         4301332525         14045         Indian         OW         P           UTE TRIBAL 5-29-54         29         050S         040W         4301332525         14045         Indian         OW         P           UTE TRIBAL 1-31-54         31         050S         040W         4301332525         14045         Indian         OW         P           UTE TRIBAL 7-31-54         31         050S         040W         4301332525         14109         India										
UTE TRIBAL 7-23-55         23         050S         050W         4301332514         13976         Indian         OW         P           UTE TRIBAL 5-33-54         33         050S         040W         4301332521         14060         Indian         OW         P           UTE TRIBAL 11-33-54         33         050S         040W         4301332522         14061         Indian         OW         P           UTE TRIBAL 14-32-54         32         050S         040W         4301332523         14062         Indian         OW         P           UTE TRIBAL 1-23-55         23         050S         050W         4301332525         14044         Indian         OW         P           UTE TRIBAL 5-29-54         29         050S         040W         4301332525         14045         Indian         OW         P           UTE TRIBAL 1-31-54         31         050S         040W         4301332526         14116         Indian         OW         P           UTE TRIBAL 7-31-54         31         050S         040W         4301332527         14109         Indian         OW         P           UTE TRIBAL 9-31-54         31         050S         040W         4301332528         14160         Indian		16						OW	P	
UTE TRIBAL 5-33-54       33       050S       040W       4301332521       14060       Indian       OW       P         UTE TRIBAL 11-33-54       33       050S       040W       4301332522       14061       Indian       OW       P         UTE TRIBAL 1-32-54       32       050S       040W       4301332523       14062       Indian       OW       P         UTE TRIBAL 1-23-55       23       050S       050W       4301332524       14044       Indian       OW       P         UTE TRIBAL 5-29-54       29       050S       040W       4301332525       14045       Indian       OW       P         UTE TRIBAL 1-31-54       31       050S       040W       4301332526       14116       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W </td <td>UTE TRIBAL 13-23-55</td> <td>23</td> <td>050S</td> <td>050W</td> <td>4301332513</td> <td>13975</td> <td>Indian</td> <td>OW</td> <td>P</td> <td></td>	UTE TRIBAL 13-23-55	23	050S	050W	4301332513	13975	Indian	OW	P	
UTE TRIBAL 5-33-54       33       050S       040W       4301332521       14060       Indian       OW       P         UTE TRIBAL 11-33-54       33       050S       040W       4301332522       14061       Indian       OW       P         UTE TRIBAL 1-32-54       32       050S       040W       4301332523       14062       Indian       OW       P         UTE TRIBAL 1-23-55       23       050S       050W       4301332524       14044       Indian       OW       P         UTE TRIBAL 5-29-54       29       050S       040W       4301332525       14045       Indian       OW       P         UTE TRIBAL 1-31-54       31       050S       040W       4301332526       14116       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W </td <td>UTE TRIBAL 7-23-55</td> <td>23</td> <td>050S</td> <td>050W</td> <td>4301332514</td> <td>13976</td> <td>Indian</td> <td>OW</td> <td>P</td> <td></td>	UTE TRIBAL 7-23-55	23	050S	050W	4301332514	13976	Indian	OW	P	
UTE TRIBAL 11-33-54       33       050S       040W       4301332522       14061       Indian       OW       P         UTE TRIBAL 14-32-54       32       050S       040W       4301332523       14062       Indian       OW       P         UTE TRIBAL 1-23-55       23       050S       050W       4301332524       14044       Indian       OW       P         UTE TRIBAL 5-29-54       29       050S       040W       4301332525       14045       Indian       OW       P         UTE TRIBAL 1-31-54       31       050S       040W       4301332526       14116       Indian       OW       P         UTE TRIBAL 3-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W<	UTE TRIBAL 5-33-54					+			P	
UTE TRIBAL 14-32-54       32       050S       040W       4301332523       14062       Indian       OW       P         UTE TRIBAL 1-23-55       23       050S       050W       4301332524       14044       Indian       OW       P         UTE TRIBAL 5-29-54       29       050S       040W       4301332525       14045       Indian       OW       P         UTE TRIBAL 1-31-54       31       050S       040W       4301332526       14116       Indian       OW       P         UTE TRIBAL 3-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332537       14108       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
UTE TRIBAL 1-23-55       23       050S       050W       4301332524       14044       Indian       OW       P         UTE TRIBAL 5-29-54       29       050S       040W       4301332525       14045       Indian       OW       P         UTE TRIBAL 1-31-54       31       050S       040W       4301332526       14116       Indian       OW       P         UTE TRIBAL 3-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332537       14108       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P										
UTE TRIBAL 5-29-54       29       050S       040W       4301332525       14045       Indian       OW       P         UTE TRIBAL 1-31-54       31       050S       040W       4301332526       14116       Indian       OW       P         UTE TRIBAL 3-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332537       14108       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P										
UTE TRIBAL 1-31-54       31       050S       040W       4301332526       14116       Indian       OW       P         UTE TRIBAL 3-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332537       14108       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P									<del></del>	
UTE TRIBAL 3-31-54       31       050S       040W       4301332527       14109       Indian       OW       P         UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332537       14108       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P										
UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332537       14108       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P								OW	P	
UTE TRIBAL 7-31-54       31       050S       040W       4301332528       14160       Indian       OW       P         UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332537       14108       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P		31	050S	040W	4301332527	14109	Indian	OW	P	
UTE TRIBAL 9-31-54       31       050S       040W       4301332529       14177       Indian       OW       P         UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332536       14077       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P	UTE TRIBAL 7-31-54	31								
UTE TRIBAL 11-31-54       31       050S       040W       4301332530       14163       Indian       OW       P         UTE TRIBAL 3-23-55       23       050S       050W       4301332536       14077       Indian       OW       P         UTE TRIBAL 5-23-55       23       050S       050W       4301332537       14108       Indian       OW       P	UTE TRIBAL 9-31-54	31								
UTE TRIBAL 3-23-55         23         050S         050W         4301332536         14077         Indian         OW         P           UTE TRIBAL 5-23-55         23         050S         050W         4301332537         14108         Indian         OW         P										
UTE TRIBAL 5-23-55 23 050S 050W 4301332537 14108 Indian OW P										
UTE TRIBAL 9-32-34   32   050S   040W   4301332538   14199   Indian   OW   P										
	UTE TRIBAL 9-32-54	32	050S	040W	4301332538	14199	Indian	OW	P	

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UTE TRIBAL 5-32-54	32	0508	040W 4301332539			OW	P	
MOON TRIBAL 10-27-54	27	+	040W 4301332540	_	Indian	OW	P	
MOON TRIBAL 12-27-54	27		040W 4301332541		Indian	OW	+	
MOON TRIBAL 8-27-54	27		040W 4301332543		Indian	OW	P	
UTE TRIBAL 9-33-54	33		040W 4301332549		Indian	OW		
WILLIAMSON TRIBAL 3-34-54	34		040W 4301332550			OW	P	
WILLIAMSON TRIBAL 5-34-54	34		040W 4301332551	-		OW	P	
FEDERAL 6-2-65	2		050W 4301332557		Federal	OW	P	
UTE TRIBAL 15-29-54	29		040W 4301332561			OW	P	
UTE TRIBAL 7-29-54	29		040W 4301332562			OW	P	<del></del>
UTE TRIBAL 11-29-54	29	_	040W 4301332563			OW	P	
UTE TRIBAL 13-29-54	29		040W 4301332564			OW	P	
UTE TRIBAL 4-29-54	29	-	040W 4301332565		Indian	OW	P	
UTE TRIBAL 9-29-54	29	_	040W 4301332566			OW	P	
UTE TRIBAL 1-35-54	35		040W 4301332567			OW	P	
UTE TRIBAL 11-13-54	13		040W 4301332568			OW	P	
UTE TRIBAL 6-24-54	24		040W 4301332570			OW	P	
UTE TRIBAL 13-18-54	18		040W 4301332571			OW	P	
UTE TRIBAL 12-29-54	29	050S	040W 4301332572			OW	P	
UTE TRIBAL 4-24-54	24	050S	040W 4301332573	14247	Indian	OW	P	
UTE TRIBAL 6-14-54	14	050S	040W 4301332586			OW	P	
UTE TRIBAL 10-15-54	15	050S	040W 4301332587	14194	Indian	OW	P	
UTE TRIBAL 16-15-54	15	050S	040W 4301332588	14311	Indian	OW	P	
UTE TRIBAL 11-16-54	16	1	040W 4301332589			OW	P	
UTE TRIBAL 8-22-54	22		040W 4301332590			OW	P	
UTE TRIBAL 2-22-54	22		040W 4301332591			OW	P	
UTE TRIBAL 10-22-54	22		040W 4301332592			ow	P	
UTE TRIBAL 14-22-54	22		040W 4301332593			OW	P	
UTE TRIBAL 13-13-55	13		050W 4301332599			OW	P	
UTE TRIBAL 13-14-55	14		050W 4301332600			OW	P	
UTE TRIBAL 13-15-55	15		050W 4301332602			OW	P	
UTE TRIBAL 10-21-55	21		050W 4301332602				P	
UTE TRIBAL 2-22-55	22	050S				OW		
		+	050W 4301332604		<del></del>	OW	P	
UTE TRIBAL 3-22-55	22	050S	050W 4301332605			OW	P	
UTE TRIBAL 9-22-55	22		050W 4301332606			OW	P	
UTE TRIBAL 11-22-55	22		050W 4301332607			OW	P	
UTE TRIBAL 5-27-55	27		050W 4301332614			OW	P	
UTE TRIBAL 11-27-55	27	<del></del>	050W 4301332615	···		OW	P	
UTE TRIBAL 12-22-55	22	050S	050W 4301332616		Indian	OW	P	
UTE TRIBAL 15-22-55	22	050S	050W 4301332617			OW	P	
UTE TRIBAL 8-25-55	25		050W 4301332620			OW	P	
UTE TRIBAL 4-20-54	20		040W 4301332621			OW	P	BRUNDAGE CANYON
UTE TRIBAL 6-20-54	20		040W 4301332622			OW	P	BRUNDAGE CANYON
UTE TRIBAL 5-22-54	22		040W 4301332624			OW	P	
UTE TRIBAL 3-30-54	30	050S	040W 4301332625	14364	Indian	OW	P	
UTE TRIBAL 3-10-54	10	050S	040W 4301332663	14414	Indian	OW	P	
UTE TRIBAL 11-5-54	5	050S	040W 4301332664	14415	Indian	ow	P	
UTE TRIBAL 15-32-54	32	050S	040W 4301332666	14460	Indian	OW	P	
UTE TRIBAL 8-31-55	31		050W 4301332673			OW	P	
UTE TRIBAL 3-35-54	35		040W 4301332675			OW	P	
UTE TRIBAL 2-30-55	30		050W 4301332680			OW	P	
UTE TRIBAL 9-17-54	17		040W 4301332687			OW	P	
UTE TRIBAL 13-31-54	31		040W 4301332688			OW OW	P	
UTE TRIBAL 14-19-54	19		040W 4301332690			ow	P	
UTE TRIBAL 16-19-54	19		040W 4301332691			OW	P	
UTE TRIBAL 13-32-54	32		040W 4301332692			OW	P	
UTE TRIBAL 11-14-55	14		050W 4301332693			OW	P	
UTE TRIBAL 8-28-55	28		050W 4301332694				P	
FEDERAL 6-1-65	1					OW		
UTE TRIBAL 9-15-55	15		050W 4301332699			OW	P	
UTE TRIBAL 14-20-54			050W 4301332701			OW	P	
#1 DLB 12-15-56	20		040W 4301332702			OW	P	
	15		060W 4301332710			GW	P	+
UTE TRIBAL 12-19-54	19		040W 4301332716		<del></del>	OW	P	
UTE TRIBAL 10-19-54	19		040W 4301332717			OW	P	
UTE TRIBAL 16-30-54	30		040W 4301332718			OW	P	
UTE TRIBAL 11-12-55	12	050S	050W 4301332721	14605	Indian	OW	P	
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NIELSEN MARSING 13-14-56	14	0508	060W 4301332737	15060		OW	P	
TAYLOR HERRICK 10-22-56 UTE TRIBAL 16-20-54	22		060W 4301332738			OW	P	
	20	0508		14671		OW	P	
UTE TRIBAL 10-20-54	20			14691		OW	P	
UTE TRIBAL 4-28-54 UTE TRIBAL 13-33-54	28			14672		OW	+=	
	33	050S	040W 4301332742			OW	P	-
UTE TRIBAL 15-31-54	31	050S	040W 4301332743			OW	P	<del>-</del>
UTE TRIBAL 8-30-54	30			15583		OW	P	
UTE TRIBAL 10-25-55	25			14758		OW_	P	
UTE TRIBAL 14-25-55	25			14798		OW	P	
UTE TRIBAL 3-36-55	36		<del>+                                    </del>	14842		OW	P	
UTE TRIBAL 16-16-55	16	050S		14865		OW	P	
UTE TRIBAL 3-21-55	21		050W 4301332758			OW	P	
UTE TRIBAL 16-25-55	25		050W 4301332759			OW	P	
UTE TRIBAL 1-36-55	36	050S		14822		OW	P	
UTE TRIBAL 7-22-54	22	050S		15661		OW	P	
UTE TRIBAL 2-31-54	31			14845		OW	P	
UTE TRIBAL 2-28-54	28	-		14723		OW	P	
UTE TRIBAL 10-28-54	28	050S	040W 4301332764			OW	P	
UTE TRIBAL 12-28-54	28	050S	+	14701		OW	P	
UTE TRIBAL 8-28-54	28	050S	040W 4301332766	<del>                                     </del>		OW	P	
UTE TRIBAL 4-31-54	31			14494		OW	P	
UTE TRIBAL 15-33-54	33			15210		OW	P	
UTE TRIBAL 12-25-55	25	050S	050W 4301332769	14799	Indian	OW	P	
UTE TRIBAL 16-24-54	24	050S	040W 4301332775	14762	Indian	ow	P	
UTE TRIBAL 14-25-54	25	050S	040W 4301332776	14753	Indian	OW	P	
UTE TRIBAL 8-25-54	25	050S	040W 4301332780	15280	Indian	OW	P	
UTE TRIBAL 9-35-54	35	050S	040W 4301332781	15535	Indian	ow	P	
MYRIN TRIBAL 14-19-55	19	050S	050W 4301332782	15184	Indian	ow	P	
UTE TRIBAL 6-30-55	30	050S	050W 4301332783	15163	Indian	OW	P	
MOON TRIBAL 4-23-54	23	050S	040W 4301332800	14985	Indian	OW	P	
MOON TRIBAL 5-27-54	27	050S	040W 4301332802	14984	Indian	OW	P	
UTE TRIBAL 2-32-54	32	050S		15151		OW	P	
LITE TOIDAL 15 25 54	0.5						<del></del>	
UTE TRIBAL 15-35-54	∣35	1050S	1040W  4301332804	115185	Indian	OW	P	
UTE TRIBAL 13-35-54 UTE TRIBAL 5-35-54		050S 050S			Indian Indian	OW OW	P	
	35	0508	040W 4301332805	15485	Indian	OW	P	7 20 20 20 20 20 20 20 20 20 20 20 20 20
UTE TRIBAL 5-35-54		050S 050S	040W 4301332805 040W 4301332806	15485 15292	Indian Indian	OW OW	P P	
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54	35 35	050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807	15485 15292 15317	Indian Indian Indian	OW OW OW	P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54	35 35 35 19	050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840	15485 15292 15317 14946	Indian Indian Indian Indian	OW OW OW	P P P	BRUNDAGE CANYON
UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54	35 35 35 19 20	050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841	15485 15292 15317 14946 15097	Indian Indian Indian Indian Indian	OW OW OW OW	P P P P	BRUNDAGE CANYON
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UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54	35 35 35 19 20 22 23	050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843	15485 15292 15317 14946 15097 15015 15113	Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW	P P P P P P P	BRUNDAGE CANYON
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UTE TRIBAL 5-35-54  UTE TRIBAL 13-35-54  UTE TRIBAL 11-35-54  UTE TRIBAL 8-19-54  UTE TRIBAL 13-20-55  UTE TRIBAL 16-22-54  MOON TRIBAL 6-23-54  UTE TRIBAL 11-26-54  MOON TRIBAL 11-27-54  MOON TRIBAL 15-27-54	35 35 35 19 20 22 23 26 27 27	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844 040W 4301332845 040W 4301332846	15485 15292 15317 14946 15097 15015 15113 15233 15135 15115	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW	P P P P P P P P P P P P P P P P	BRUNDAGE CANYON
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UTE TRIBAL 5-35-54 UTE TRIBAL 13-35-54 UTE TRIBAL 11-35-54 UTE TRIBAL 8-19-54 UTE TRIBAL 13-20-55 UTE TRIBAL 16-22-54 MOON TRIBAL 6-23-54 UTE TRIBAL 11-26-54 MOON TRIBAL 11-27-54 MOON TRIBAL 15-27-54 UTE TRIBAL 10-31-54 ST TRIBAL 6-15-54	35 35 35 19 20 22 23 26 27 27 31	050S 050S 050S 050S 050S 050S 050S 050S	040W 4301332805 040W 4301332806 040W 4301332807 040W 4301332840 050W 4301332841 040W 4301332842 040W 4301332843 040W 4301332844 040W 4301332845 040W 4301332846 040W 4301332847 040W 4301332847	15485 15292 15317 14946 15097 15015 15113 15233 15135 15115 14956 16656	Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian Indian	OW OW OW OW OW OW OW OW OW OW OW OW OW O	P P P P P P P P P P P P P P P P P P P	BRUNDAGE CANYON
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UTE TRIBAL 4-32-54	32	050S	040W 4301332896			OW	P	
UTE TRIBAL 6-32D-54	32	050S	040W 4301332897	15312	Indian	OW	P	
UTE TRIBAL 2-33D-54	33	050S	040W 4301332898	15271	Indian	OW	P	L
UTE TRIBAL 12-32-54	32	050S	040W 4301332925	15503	Indian	OW	P	
UTE TRIBAL 16-32D-54	32	050S	040W 4301332926	16971	Indian	OW	P	
MOON TRIBAL 16-23-54	23		040W 4301332927			OW	P	
UTE TRIBAL 4-25-55	25		050W 4301332928			OW	P	
UTE TRIBAL 7-36-55	36		050W 4301332929			OW	P	7,17
MOON TRIBAL 10-2-54	2			15429		OW OW	P	
UTE TRIBAL 10-24-54	24		040W 4301332932			ow	P	
MYRIN TRIBAL 16-19-55	19		050W 4301332934	<del></del>		OW	P	
UTE TRIBAL 2-31-55	31					OW	P	
			050W 4301332935					
UTE TRIBAL 10-31-55	31		050W 4301332936			OW	P	
MOON TRIBAL 1-27-54	27			15308		OW	P	
MOON TRIBAL 5-23-54	23		040W 4301332938			OW	P	
ST TRIBAL 7-18-54	18		040W 4301332952			OW	P	
ST TRIBAL 5-18-54	18		040W 4301332953			OW	P	
UTE TRIBAL 15-15-54	15		040W 4301332971			OW	P	
UTE TRIBAL 4-19-54	19			15382	Indian	OW	P	
UTE TRIBAL 8-20-54	20			15245	<del></del>	OW	P	
UTE TRIBAL 2-20-54	20			15269		OW	P	
UTE TRIBAL 7-15-55	15	050S	050W 4301332976	15311	Indian	OW	P	
UTE TRIBAL 10-15-55	15			15380		OW	P	
UTE TRIBAL 1-15-55	15		050W 4301332978	15299	Indian	OW	P	
UTE TRIBAL 14-15-55	15			15369		OW	P	
UTE TRIBAL 11-15-55	15		050W 4301332980	15342		OW	P	
UTE TRIBAL 14-18-55	18		050W 4301332984	15671		OW	P	
UTE TRIBAL 14-24-56	24	050S	060W 4301332988	15740		OW	P	+
UTE TRIBAL 7-24-56	24			15782		OW	P	
UTE TRIBAL 11-25-56	25			15627		OW	p	14.00
UTE TRIBAL 7-25-56	25		060W 4301332990 060W 4301332991	15617		OW	P	
UTE TRIBAL 7-25-36 UTE TRIBAL 5-25-56	25						<u> </u>	
UTE TRIBAL 3-25-56	·		060W 4301332992	15648		OW	P	
	25	0508	060W 4301332993	15561		OW	P	
UTE TRIBAL 13-15D-54	15		040W 4301333039	15368		OW	P	
UTE TRIBAL 16-28D-54	28			15377		OW	P	
UTE TRIBAL 14-31D-54	31		040W 4301333042			OW	P	***************************************
UTE TRIBAL 4-22-55	22			15381		OW	P	
UTE TRIBAL 2-23-55	23	+	050W 4301333045		<del></del>	OW	P	
UTE TRIBAL 16-23-55	23	050S	050W 4301333046			OW	P	
UTE TRIBAL 9-35-55	35	050S	050W 4301333047	15378	Indian	OW	P	
UTE TRIBAL 7-35-55	35	050S	050W 4301333048	15367	Indian	OW	P	
UTE TRIBAL 15-36-55	36	050S	050W 4301333049	15379	Indian	OW	P	
UTE TRIBAL 10-12-55	12	050S	050W 4301333055	15618	Indian	OW	P	
UTE TRIBAL 5-13-54	13	0508	040W 4301333075	15873	Indian	OW	P	
UTE TRIBAL 16-29-54	29		040W 4301333076			ow	P	
UTE TRIBAL 12-18-54	18		040W 4301333077			OW	P	
UTE TRIBAL 8-33-54	33		040W 4301333089			OW	P	
UTE TRIBAL 12-33-54	33		040W 4301333090			OW	P	
UTE TRIBAL 16-33-54	33		040W 4301333091			OW	P	ļ ————————————————————————————————————
UTE TRIBAL 10-33-54	33		040W 4301333091			OW	P	<u> </u>
UTE TRIBAL 14-33-54	33		040W 4301333092			OW	P	
UTE TRIBAL 2-14-54	14		040W 4301333093				P	
UTE TRIBAL 14-14-54	14					OW	. —	
UTE TRIBAL 13-21-54			040W 4301333112			OW	P	
UTE TRIBAL 13-21-54	21		040W 4301333113			OW	P	
	21		040W 4301333115			OW	P	ļ
UTE TRIBAL 11-22-54	22		040W 4301333116			OW	P	+
UTE TRIBAL 2-21-55	21		050W 4301333117			OW	P	1
UTE TRIBAL 4-28-55	28		050W 4301333118			OW	P	
UTE TRIBAL 8-29-55	29		050W 4301333119			OW	P	
UTE TRIBAL 6-29-55	29		050W 4301333120			OW	P	
TAYLOR FEE 13-22-56	22		060W 4301333121			OW	P	1
WILCOX ELIASON 7-15-56	15		060W 4301333122			OW	P	
UTE TRIBAL 14-16-54	16	050S	040W 4301333123	15639	Indian	OW	P	
UTE TRIBAL 1-16-54	16		040W 4301333128			OW	P	
UTE TRIBAL 7-16-54	16		040W 4301333130			OW OW	P	
UTE TRIBAL 12-16-54	16		040W 4301333131			OW OW	P	
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UTE TRIBAL 16-17-54	17	050S	040W	4301333132	15524	Indian	OW	P	
UTE TRIBAL 10-17-54	17	050S	040W	4301333133	15581	Indian	OW	P	
UTE TRIBAL 12-24D-55	24	050S	050W	4301333134	15567	Indian	OW	P	
WILCOX FEE 1-20-56	20	050S		4301333150			ow	P	
WILCOX FEE 15-16-56	16	050S		4301333151			OW	P	
NIELSEN FEE 13-11-56	11	050S		4301333151			OW	P	
	29	<del></del>						P	
UTE TRIBAL 2-29-54	<del></del>	050S		4301333153			OW		
UTE TRIBAL 14-29-54	29	050S		4301333154			OW	P	
UTE TRIBAL 10-29-54	29	050S		4301333155			OW	P	
UTE TRIBAL 10-24D-55	24	050S	050W	4301333156	15556	Indian	OW	P	
UTE TRIBAL 10-29D-55	29	050S	050W	4301333157	15505	Indian	OW	P	
UTE TRIBAL 6-29-54	29	050S	040W	4301333172	15846	Indian	OW	P	
UTE TRIBAL 12Q-25-55	25	050S		4301333184			OW	P	
UTE TRIBAL 3G-31-54	31			4301333185			OW	P	
UTE TRIBAL 11-36-55	36			4301333186			OW	P	
							<del></del>	P	
UTE TRIBAL 6-23D-55	23			4301333187			OW	<del></del>	
UTE TRIBAL 8-14-54	14	050S		4301333204			OW	P	
UTE TRIBAL 10-14-54	14				15680		OW	P	
UTE TRIBAL 11-15-54	15	050S	040W	4301333206	15643	Indian	OW	P	
UTE TRIBAL 9-16-54	16	050S	040W	4301333207	15660	Indian	OW	P	
UTE TRIBAL 3-22-54	22			4301333208			OW	P	
UTE TRIBAL 15-13D-55	13			4301333212			OW	P	
UTE TRIBAL 6-22D-55	22			4301333213			OW	P	
UTE TRIBAL 11-36D-55									
	36			4301333214			OW	P	
UTE TRIBAL 1-22D-54	22			4301333215			OW	P	····
BERRY TRIBAL 1-23-54	23			4301333216			OW	P	
BERRY TRIBAL 15-23-54	23	050S	040W	4301333217	15932	Indian	OW	P	
UTE TRIBAL 9-36D-55	36	050S	050W	4301333239	15933	Indian	OW	P	
UTE TRIBAL 12-32-55	32	050S	050W	4301333266	15681	Indian	OW	P	
UTE TRIBAL 16-22D-55	22			4301333267			OW	P	
UTE TRIBAL 11-13-55	13			4301333268			OW	P	
UTE TRIBAL 7-14-55	14							P	
	-			4301333269			OW	<del></del>	
UTE TRIBAL 4-14D-54	14			4301333270			OW	P	
UTE TRIBAL 9S-19-54	19			4301333276			OW	P	
UTE TRIBAL 14Q-28-54	28	050S		4301333277			OW	P	
UTE TRIBAL 14-28D-54	28			4301333278			ow	P	
UTE TRIBAL 1-14D-55	14	050S	050W	4301333279	18408	Indian	OW	P	
UTE TRIBAL 10-18-54	18			4301333300			OW	P	
UTE TRIBAL 5-21-54	21			4301333324			OW	P	
UTE TRIBAL 6-31D-54	31			4301333325			OW	P	· · · · · · · · · · · · · · · · · · ·
UTE TRIBAL 16-31D-54	31	+							
				4301333326			OW	P	
UTE TRIBAL 16-13D-55	13			4301333327			OW	P	
UTE TRIBAL 9-13D-55	13			4301333328			OW	P	
UTE TRIBAL 15-21-55	21			4301333357			OW	P	
UTE TRIBAL 10-23D-55	23	050S	050W	4301333358	15799	Indian	OW	P	
UTE TRIBAL 9-26D-55	26	050S	050W	4301333359	15853	Indian	OW	P	
UTE TRIBAL 10-26D-55	26			4301333360			OW	P	
UTE TRIBAL 14-26D-55	26			4301333361			OW	P	
UTE TRIBAL 15-26D-55	26			4301333362			ow	P	
UTE TRIBAL 3-32D-55	32							<del></del>	·
UTE TRIBAL 13-14-54	·			4301333363			OW	P	
	14			4301333364			OW	P	
MOON TRIBAL 7-27D-54	27			4301333365			OW	P	
14-11-56 DLB	11			4301333378			OW	P	
UTE TRIBAL 4-32-55	32	050S	050W	4301333379	15819	Indian	OW	P	
UTE TRIBAL 13H-16-55	16			4301333380			OW	P	
BERRY TRIBAL 7-23-54	23			4301333381			OW	P	
BERRY TRIBAL 9-34-54	34			4301333382			OW	P	
BERRY TRIBAL 7-34-54	34			4301333382			ow	P	
BERRY TRIBAL 4-34-54	34								
FEDERAL 2-2-65				4301333384			OW	P	
	2			4301333385			OW	P	
FEDERAL 10-3-65	3	T		4301333386			OW	P	
FEDERAL 5-4-65	4	060S		4301333387			OW	P	
UTE TRIBAL 1A-29-54	29	050S	040W	4301333393	17075	Indian	OW	P	
BERRY TRIBAL 15-34-54	34			4301333411			OW	P	
BERRY TRIBAL 8-23D-54	23			4301333417			OW	P	714
	. — –						J 11	1.4	
UTE TRIBAL 12-29D-55	29	0509	05011/	4301333418	17207	Indian	OW	P	

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UTE TRIBAL 8-24-55	24	050S	<del></del>	15997		OW	P	
UTE TRIBAL 5-25D-55	25				Indian	OW	P	
BERRY TRIBAL 10-34D-54	34		040W 4301333422			OW	P	
1-15-56 DLB	15	050S	060W 4301333447			OW	P	
FEDERAL 5-3-64	3		<del></del>		Federal	OW	P	
FEDERAL 8-1-64	1				Federal	OW	P	
FEDERAL 5-4-64	4		040W 4301333450			OW	P	
FEDERAL 11-10-65	10				Federal	OW	P	
BERRY TRIBAL 16-34D-54	34				Indian	OW	P	
BERRY TRIBAL 9-23-54	23				Indian	OW	P	
UTE TRIBAL 6-26D-55	26		050W 4301333476			OW	P	
UTE TRIBAL 7-26D-55	26				Indian	OW	P	
UTE TRIBAL 11-26D-55	26				Indian	OW	P	
UTE TRIBAL 14Q-30-54 FEDERAL 5-6-65	6				Indian	OW	P	
FEDERAL 16-5-65	5		050W 4301333489 050W 4301333490		Federal	OW OW	P	11 - 17
FEDERAL 10-3-03	11	_	+			+	P	
LC TRIBAL 14-2-56	2	060S 050S	050W 4301333491 060W 4301333492		Federal	OW OW	P	
UTE TRIBAL 1-31-55	31		050W 4301333492			OW	P	7.11
UTE TRIBAL 9-31-55	31		050W 4301333508			OW	P	
BERRY TRIBAL 11-34D-54	34		040W 4301333529			OW	P	
LC TRIBAL 2-16D-56	16		060W 4301333538			OW	P	
LC TRIBAL 4-16-56	16		060W 4301333539			OW	P	
LC TRIBAL 3-17-56	17		060W 4301333541			OW	P	
FEDERAL 10-2-65	2		050W 4301333542			OW	P	
UTE TRIBAL 4-20D-55	20	050S	050W 4301333549			OW	P	
UTE TRIBAL 8-23D-55	23		050W 4301333552			OW	P	
LC TRIBAL 8-28-46	28		060W 4301333576			OW	P	
LC TRIBAL 7-3-56	3				Indian	OW	P	
LC TRIBAL 3-5-56	5		060W 4301333577			OW	P	
FEDERAL 8-2D-64	2		040W 4301333581			OW	P	
LC TRIBAL 13H-3-56	3		<del></del>		Indian	OW	P	
LC FEE 6-12-57	12			17083		OW	P	***
UTE TRIBAL 4-26D-54	26				Indian	OW	P	404
LC TRIBAL 8-4-56	4		060W 4301333605			ow	P	
LC TRIBAL 12H-6-56	6				Indian	OW OW	P	
LC TRIBAL 7-7D-56	7				Indian	OW	P	
LC TRIBAL 1-9-56	9				Indian	OW	P	The same of the sa
UTE TRIBAL 5-14-54	14	+			Indian	OW	P	
UTE TRIBAL 10-26D-54	26	050S		16663		OW	P	
UTE TRIBAL 7-26D-54	26			16664		OW	P	
UTE TRIBAL 13-36D-55	36		050W 4301333624			OW	P	
UTE TRIBAL 6-26D-54	26		040W 4301333625			OW	P	
UTE TRIBAL 1-22D-55	22		050W 4301333626			OW	P	
UTE TRIBAL 4-23D-55	23		050W 4301333627			OW	P	
UTE TRIBAL 2-27D-55	27		050W 4301333628			OW	P	
UTE TRIBAL 12-28D-55	28		050W 4301333645			OW	P	
UTE TRIBAL 13-28D-55	28	050S	050W 4301333646	18000	Indian	ow	P	
UTE TRIBAL 14-26D-54	26	050S	040W 4301333673	16299	Indian	OW	P	
UTE FEE 7-13D-55	13		050W 4301333674			OW	P	
UTE TRIBAL 9-20D-55	20	050S	050W 4301333675	17309	Indian	OW	P	
LC TRIBAL 11-17-56	17	050S	060W 4301333677	17600	Indian	OW	P	
UTE TRIBAL 1-26D-54	26		040W 4301333680	16638	Indian	OW	P	<del>-</del>
UTE TRIBAL 3-26D-54	26			16665		OW	P	
UTE TRIBAL 8-26D-54	26		040W 4301333682			OW	P	
UTE TRIBAL 10-27D-55	27		050W 4301333683			OW	P	
UTE TRIBAL 14-27D-55	27		050W 4301333684			OW	P	
UTE TRIBAL 12-21D-55	21		050W 4301333694			OW	P	
UTE TRIBAL 5-21D-55	21	050S	050W 4301333706	16298	Indian	OW	P	
UTE TRIBAL 2-29D-55	29		050W 4301333714			OW	P	
UTE TRIBAL 7-29D-55	29		050W 4301333715			OW	P	
UTE TRIBAL 13-22D-55	22		050W 4301333716			OW	P	
UTE TRIBAL 14-22D-55	22		050W 4301333717			OW	P	
UTE FEE 2-13-55	13		050W 4301333720			OW	P	
UTE TRIBAL 7-22D-55	22			16670		OW	P	
UTE TRIBAL 10-22D-55	22	_050S	050W 4301333722	16671	Indian	OW	P	

CLE PTRIBAL 1-12-25-55   29   0505   050W   4501331723   10857   Indian   OW   P										
BURRY TRIBAL 11-23D-54	UTE TRIBAL 3-29-55	29	050S	050W 43	301333723	16857	Indian		P	
UFE TRIBAL 1-24D-55	BERRY TRIBAL 10-23D-54	23	050S	040W 43	301333724	16592	Indian	OW	P	
FEDERAL 6-60-64	BERRY TRIBAL 11-23D-54	23	050S	040W 43	301333725	16672	Indian	OW	P	
FEDERAL 6-60-64	UTE TRIBAL 4-24D-55	24	050S	050W 43	301333726	16673	Indian	OW	P	
UPE TRIBAL 11-09-54	FEDERAL 6-6D-64	6				17084	Federal	OW	P	
UIE FIRBAL 1-14D-54	UTE TRIBAL 15-26D-54								P	
UFF TRIBAL 12-35D-55   35   0.098   0.0994   30133782   1.6855   Indian   0 W   P									ļ <del>-</del>	
ILITE TRIBAL   1-135-55   35									<del>-</del>	
UFE TRIBAL 1-28D-55									<del>-</del>	
UFE TRIBAL 16-270-55									<u> </u>	
UFE TRIBAL 1-28D-55   28   0505   0504   401333787   16887   Indian   OW   P				+				<del></del>	ļ <del>-</del>	
UPE TRIBAL 1-32D-54		<del></del>							<del></del>	
UPE TRIBAL 1-32D-54									<del></del>	
UPE TRIBAL 1-4270-55	UTE TRIBAL 7-28D-55		050S	050W 43	301333788	16886	Indian	OW	P	
IJIET RIBAL 4-27D-55	UTE TRIBAL 11-32D-54	32						OW	P	
FOY TRIBAL 12H-33-55   33   5050   509W   430133390   18232   Indian   OW   P	UTE TRIBAL 9-14D-54	14	050S	040W 43	301333796	17482	Indian	OW	P	
FOY TRIBAL 12H-33-55   33   5050   509W   430133390   18232   Indian   OW   P	UTE TRIBAL 4-27D-55	27						OW	P	
UTE TRIBAL 1-22-05-54	FOY TRIBAL 12H-33-55	33						OW	P	
LITE TRIBAL 12-26D-54										
UFE TRIBAL 2-34D-54									<del>-</del>	
BERRY TRIBAL 2-34D-54   34										
UTE TRIBAL 1-320-55  35  9080 90W 4301333982 17-221 Indian  OW P  UTE TRIBAL 12-31D-54  31  9080 90W 4301333997 17-840  Indian  OW P  UTE TRIBAL 12-31D-55  20  9080 90W 4301333990 187814 Indian  OW P  UTE TRIBAL 12-20D-55  20  9080 90W 4301333910 18848 Indian  OW P  UTE TRIBAL 12-20D-55  20  9080 90W 4301333910 18848 Indian  OW P  UTE TRIBAL 12-20D-55  20  9080 90W 4301333910 18848 Indian  OW P  UTE TRIBAL 12-20D-55  20  9080 90W 4301333910 18848 Indian  OW P  UTE TRIBAL 12-20D-55  20  9080 90W 4301333910 18848 Indian  OW P  UTE TRIBAL 12-20D-55  20  9080 90W 4301333911 18820 Indian  OW P  UTE TRIBAL 12-20D-55  21  9080 90W 4301333915 17457 Indian  OW P  UTE TRIBAL 1-15D-54  15  9080 90W 4301333916 16889 Indian  OW P  ST TRIBAL 1-15D-54  15  9080 90W 4301333916 16889 Indian  OW P  ST TRIBAL 1-15D-54  15  9080 90W 4301333916 16889 Indian  OW P  ST TRIBAL 1-15D-54  15  9080 90W 4301333916 16889 Indian  OW P  UTE TRIBAL 1-15D-54  15  9080 90W 4301333916 16889 Indian  OW P  UTE TRIBAL 1-15D-54  15  9080 90W 4301333951 16972 Indian  OW P  UTE TRIBAL 1-15D-55  35  9080 90W 4301333956 16872 Indian  OW P  UTE TRIBAL 1-15D-55  35  9080 90W 4301333956 16888 Federal  OW P  UTE TRIBAL 1-26D-55  36  9080 90W 4301333956 17418 Indian  OW P  UTE TRIBAL 1-26D-55  36  9080 90W 4301333956 17418 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  P  UTE TRIBAL 1-20-65  20  9080 90W 4301333981 17471 Indian  OW P  P  TUTE TRIBAL 1-20-65  2									1-	
UIE TRIBAL 10-32-54  132  10585  10408  10585  10580  105900  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  10590  105900  10590  10590  10590  10590  10590  10590  10590  10590  105900  10590  10590  10590  10590  10590  10590  10590  10590  105900  10590  10590  10590  10590  10590  10590  10590  10590  105900  10590  10590  10590  10590  10590  10590  10590  10590  105900  10590  10590  10590  10590  10590  10590  10590  10590  105900  10590  10590  10590  10590  10590  10590  10590  10590  1059000  1059000  105900  105900  105900  105900  105900  1059000  1059000			-						<del></del>	
UTE TRIBAL 12-31D-54 UTE TRIBAL 12-20-55 20 050S 050W 4301333990   1859   Indian										
UTE TRIBAL 1-2-20-55										
UTE TRIBAL 14-20D-55		31				17480	Indian	OW	P	
UTE TRIBAL   12-08-55	UTE TRIBAL 12-23D-55	23	050S	050W 43	301333908	17814	Indian	OW	P	
UTE TRIBAL 1-220-55	UTE TRIBAL 14-20D-55	20	050S	050W 43	301333909	18559	Indian	OW	P	
UTE TRIBAL   1-2-0-55	UTE TRIBAL 6-20D-55	20	0508	+				OW	P	
UTE TRIBAL 1-4-20-55		7.00								
UTE TRIBAL 1-420-55								<del></del>	<del></del>	- 10-10L
ST TRIBAL 1-15D-54							<del></del>		<del>-</del>	
ST TRIBAL 7-15D-54  15  050S  050W		<del></del>						<del></del>	<u> </u>	
ST TRIBAL 9-15D-54										
UTE TRIBAL 14-35D-55										
UTE TRIBAL 14-35D-55									-	
Internate   Color		35						OW	P	
FEDERAL 1-2D-65	UTE TRIBAL 14-35D-55	35	050S	050W 4	301333955	17416	Indian	OW	P	
FEDERAL 1-2D-65	UTE TRIBAL 16-26D-55	26	050S	050W 43	301333965	17418	Indian	ow	P	
UTE TRIBAL 1-35D-55	FEDERAL 1-2D-65	2							Р	
UTE TRIBAL 10-36D-55   26	UTE TRIBAL 1-35D-55	35							P	
UTE TRIBAL 4-26D-55										
UTE TRIBAL 1-2-26D-55		+	-							
BERRY TRIBAL 14-23D-54   23   050S   040W   4301333989   17903   Indian   OW   P								+	<del></del>	
FEDERAL 3-2D-65										-0.8
UTE TRIBAL 13-26D-55									<del></del>	
FEDERAL 7-1D-65         1         060S         050W         4301334015         17775         Federal         OW         P           FEDERAL 2-2D-64         2         060S         040W         4301334018         17086         Federal         OW         P           FEDERAL 7-6D-64         6         060S         040W         4301334020         17085         Federal         OW         P           UTE TRIBAL 6-35D-55         35         050S         050W         4301334028         17785         Indian         OW         P           UTE TRIBAL 13-23-54         26         050S         040W         4301334042         17413         Indian         OW         P           BERRY TRIBAL 13-23-54         23         050S         040W         4301334047         18001         Indian         OW         P           UTE TRIBAL 8-27D-55         28         050S         050W         4301334057         18001         Indian         OW         P           ST TRIBAL 3-15D-54         15         050S         050W         4301334059         17477         Indian         OW         P           ST TRIBAL 7-11D-65         11         060S         050W         4301334061         17776         Federal <td></td> <td>·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td> <td></td>		·							+	
FEDERAL 2-2D-64         2         060S         040W         4301334018         17086         Federal         OW         P           FEDERAL 7-6D-64         6         060S         040W         4301334020         17085         Federal         OW         P           UTE TRIBAL 6-35D-55         35         050S         050W         4301334022         17785         Indian         OW         P           UTE TRIBAL 16-26-54         26         050S         040W         4301334023         17100         Indian         OW         P           BERRY TRIBAL 13-23-54         23         050S         040W         4301334043         17100         Indian         OW         P           UTE TRIBAL 11-28-55         28         050S         050W         4301334057         18001         Indian         OW         P           UTE TRIBAL 8-27D-55         27         050S         050W         4301334058         17842         Indian         OW         P           ST TRIBAL 5-15D-54         15         050S         040W         4301334060         17477         Indian         OW         P           FEDERAL 7-1D-65         11         060S         050W         4301334061         17776         Federal <td></td> <td>26</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>OW</td> <td>P</td> <td></td>		26						OW	P	
FEDERAL 7-6D-64         6         060S         040W         4301334020         17085         Federal         OW         P           UTE TRIBAL 6-35D-55         35         050S         050W         4301334028         17785         Indian         OW         P           UTE TRIBAL 16-26-54         26         050S         040W         4301334042         17413         Indian         OW         P           BERRY TRIBAL 13-23-54         23         050S         040W         4301334043         17100         Indian         OW         P           UTE TRIBAL 11-28-55         28         050S         050W         4301334057         18001         Indian         OW         P           UTE TRIBAL 8-27D-55         27         050S         050W         4301334058         17842         Indian         OW         P           ST TRIBAL 3-15D-54         15         050S         040W         4301334059         17477         Indian         OW         P           ST TRIBAL 5-15D-54         15         050S         040W         4301334061         17776         Federal         OW         P           FEDERAL 7-11D-65         11         060S         050W         4301334061         17776         Feder		1	060S	050W 43	301334015	17775	Federal	OW	P	
UTE TRIBAL 6-35D-55  35 0508 050W 4301334028 17785 Indian OW P  UTE TRIBAL 16-26-54  26 0508 040W 4301334042 17413 Indian OW P  BERRY TRIBAL 13-23-54  23 0508 040W 4301334043 17100 Indian OW P  UTE TRIBAL 8-27D-55  28 0508 050W 4301334057 18001 Indian OW P  UTE TRIBAL 8-27D-55  27 0508 050W 4301334058 17842 Indian OW P  ST TRIBAL 3-15D-54  15 0508 040W 4301334059 17477 Indian OW P  ST TRIBAL 5-15D-54  15 0508 040W 4301334060 17479 Indian OW P  FEDERAL 7-11D-65  11 0608 050W 4301334061 17776 Federal OW P  FEDERAL 7-3D-65  3 0608 050W 4301334061 17776 Federal OW P  MOON TRIBAL 16-27D-54  27 0508 040W 4301334061 17716 Federal OW P  UTE TRIBAL 15-22D-54  22 0508 040W 4301334109 17414 Indian OW P  UTE TRIBAL 15-22D-55  26 0508 050W 4301334116 17415 Indian OW P  UTE TRIBAL 12-26D-55  26 0508 050W 4301334118 17786 Indian OW P  UTE TRIBAL 13-35D-56  16 0508 060W 4301334128 17601 Indian OW P  EDERAL 1-6D-64  6 0608 040W 4301334282 17601 Indian OW P  FEDERAL 1-6D-64  6 0608 040W 4301334284 17615 Federal OW P  FEDERAL 1-6D-64  6 0608 040W 4301334284 17615 Federal OW P  FEDERAL 3-5D-64  5 0608 040W 4301334287 17617 Federal OW P		2	060S	040W 4	301334018	17086	Federal	OW	P	
UTE TRIBAL 6-35D-55         35         050S         050W         4301334028         17785         Indian         OW         P           UTE TRIBAL 16-26-54         26         050S         040W         4301334042         17413         Indian         OW         P           BERRY TRIBAL 13-23-54         23         050S         040W         4301334043         17100         Indian         OW         P           UTE TRIBAL 11-28-55         28         050S         050W         4301334057         18001         Indian         OW         P           UTE TRIBAL 8-27D-55         27         050S         050W         4301334058         17842         Indian         OW         P           ST TRIBAL 3-15D-54         15         050S         040W         4301334059         17477         Indian         OW         P           ST TRIBAL 5-15D-54         15         050S         040W         4301334060         17479         Indian         OW         P           FEDERAL 7-11D-65         11         060S         050W         4301334061         17776         Federal         OW         P           HOON TRIBAL 16-27D-54         27         050S         040W         430133419         17414	FEDERAL 7-6D-64	6	060S	040W 43	301334020	17085	Federal	OW	P	
UTE TRIBAL 16-26-54         26         050S         040W         4301334042         17413         Indian         OW         P           BERRY TRIBAL 13-23-54         23         050S         040W         4301334043         17100         Indian         OW         P           UTE TRIBAL 11-28-55         28         050S         050W         4301334057         18001         Indian         OW         P           UTE TRIBAL 8-27D-55         27         050S         050W         4301334058         17842         Indian         OW         P           ST TRIBAL 3-15D-54         15         050S         040W         4301334059         17477         Indian         OW         P           ST TRIBAL 5-15D-54         15         050S         040W         4301334059         17477         Indian         OW         P           FEDERAL 7-1D-65         11         060S         050W         4301334061         17776         Federal         OW         P           FEDERAL 7-3D-65         3         060S         050W         4301334109         17414         Indian         OW         P           UTE TRIBAL 16-27D-54         27         050S         040W         4301334116         17415         Indian	UTE TRIBAL 6-35D-55	35							<del>                                     </del>	
BERRY TRIBAL 13-23-54  23  050S  040W  4301334043  17100  Indian  OW  P  UTE TRIBAL 11-28-55  28  050S  050W  4301334057  18001  Indian  OW  P  Indian  OW	UTE TRIBAL 16-26-54								+	
UTE TRIBAL 11-28-55         28         050S         050W         4301334057         18001         Indian         OW         P           UTE TRIBAL 8-27D-55         27         050S         050W         4301334058         17842         Indian         OW         P           ST TRIBAL 3-15D-54         15         050S         040W         4301334059         17477         Indian         OW         P           ST TRIBAL 5-15D-54         15         050S         040W         4301334060         17479         Indian         OW         P           FEDERAL 7-1D-65         11         060S         050W         4301334061         17776         Federal         OW         P           FEDERAL 7-3D-65         3         060S         050W         4301334106         17124         Federal         OW         P           MOON TRIBAL 16-27D-54         27         050S         040W         4301334109         17414         Indian         OW         P           UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334118         17786         Indi		<del></del>								
UTE TRIBAL 8-27D-55         27         050S         050W         4301334058         17842         Indian         OW         P           ST TRIBAL 3-15D-54         15         050S         040W         4301334059         17477         Indian         OW         P           ST TRIBAL 5-15D-54         15         050S         040W         4301334060         17479         Indian         OW         P           FEDERAL 7-11D-65         11         060S         050W         4301334061         17776         Federal         OW         P           FEDERAL 7-3D-65         3         060S         050W         4301334065         17124         Federal         OW         P           MOON TRIBAL 16-27D-54         27         050S         040W         4301334109         17414         Indian         OW         P           UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334118         17786         Indian         OW         P           UC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Ind								<del>•</del>		
ST TRIBAL 3-15D-54         15         050S         040W         4301334059         17477         Indian         OW         P           ST TRIBAL 5-15D-54         15         050S         040W         4301334060         17479         Indian         OW         P           FEDERAL 7-11D-65         11         060S         050W         4301334061         17776         Federal         OW         P           FEDERAL 7-3D-65         3         060S         050W         4301334065         17124         Federal         OW         P           MOON TRIBAL 16-27D-54         27         050S         040W         4301334109         17414         Indian         OW         P           UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334117         18442         Indian         OW         P           UTE TRIBAL 12-26D-55         26         050S         050W         430133418         17786         Indian         OW         P           LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Ind		+								
ST TRIBAL 5-15D-54         15         050S         040W         4301334060         17479         Indian         OW         P           FEDERAL 7-11D-65         11         060S         050W         4301334061         17776         Federal         OW         P           FEDERAL 7-3D-65         3         060S         050W         4301334065         17124         Federal         OW         P           MOON TRIBAL 16-27D-54         27         050S         040W         4301334109         17414         Indian         OW         P           UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334117         18442         Indian         OW         P           UTE TRIBAL 12-26D-55         26         050S         050W         4301334118         17786         Indian         OW         P           LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Indian         OW         P           FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Feder									<del>-</del>	
FEDERAL 7-11D-65         11         060S         050W         4301334061         17776         Federal         OW         P           FEDERAL 7-3D-65         3         060S         050W         4301334065         17124         Federal         OW         P           MOON TRIBAL 16-27D-54         27         050S         040W         4301334109         17414         Indian         OW         P           UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334117         18442         Indian         OW         P           UTE TRIBAL 12-26D-55         26         050S         050W         4301334118         17786         Indian         OW         P           LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Indian         OW         P           FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal<		+								
FEDERAL 7-3D-65         3         060S         050W         4301334065         17124         Federal         OW         P           MOON TRIBAL 16-27D-54         27         050S         040W         4301334109         17414         Indian         OW         P           UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334117         18442         Indian         OW         P           UTE TRIBAL 12-26D-55         26         050S         050W         4301334118         17786         Indian         OW         P           LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Indian         OW         P           FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal         OW         P           FEDERAL 3-5D-64         5         060S         040W         4301334287         17617         Federal <td></td> <td><del></del></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><del></del></td> <td></td>		<del></del>							<del></del>	
MOON TRIBAL 16-27D-54         27         050S         040W         4301334109         17414         Indian         OW         P           UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334117         18442         Indian         OW         P           UTE TRIBAL 12-26D-55         26         050S         050W         4301334118         17786         Indian         OW         P           LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Indian         OW         P           FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal         OW         P           FEDERAL 3-5D-64         5         060S         040W         4301334287         17617         Federal         OW         P								OW	P	
UTE TRIBAL 15-22D-54         22         050S         040W         4301334116         17415         Indian         OW         P           UTE TRIBAL 13-35D-55         35         050S         050W         4301334117         18442         Indian         OW         P           UTE TRIBAL 12-26D-55         26         050S         050W         4301334118         17786         Indian         OW         P           LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Indian         OW         P           FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Federal         OW         P           FEDERAL 14-6D-64         6         060S         040W         4301334285         17616         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal         OW         P           FEDERAL 3-5D-64         5         060S         040W         4301334287         17617         Federal         OW         P								OW	P	
UTE TRIBAL 15-22D-54       22       050S       040W       4301334116       17415       Indian       OW       P         UTE TRIBAL 13-35D-55       35       050S       050W       4301334117       18442       Indian       OW       P         UTE TRIBAL 12-26D-55       26       050S       050W       4301334118       17786       Indian       OW       P         LC TRIBAL 13-16D-56       16       050S       060W       4301334282       17601       Indian       OW       P         FEDERAL 11-6D-64       6       060S       040W       4301334284       17615       Federal       OW       P         FEDERAL 2-6D-64       6       060S       040W       4301334286       17663       Federal       OW       P         FEDERAL 3-5D-64       5       060S       040W       4301334287       17617       Federal       OW       P		27						OW	P	
UTE TRIBAL 13-35D-55       35       050S       050W       4301334117       18442       Indian       OW       P         UTE TRIBAL 12-26D-55       26       050S       050W       4301334118       17786       Indian       OW       P         LC TRIBAL 13-16D-56       16       050S       060W       4301334282       17601       Indian       OW       P         FEDERAL 11-6D-64       6       060S       040W       4301334284       17615       Federal       OW       P         FEDERAL 2-6D-64       6       060S       040W       4301334286       17663       Federal       OW       P         FEDERAL 3-5D-64       5       060S       040W       4301334287       17617       Federal       OW       P	UTE TRIBAL 15-22D-54	22						f	P	
UTE TRIBAL 12-26D-55         26         050S         050W         4301334118         17786         Indian         OW         P           LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Indian         OW         P           FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Federal         OW         P           FEDERAL 14-6D-64         6         060S         040W         4301334285         17616         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal         OW         P           FEDERAL 3-5D-64         5         060S         040W         4301334287         17617         Federal         OW         P		<del></del>	050S	050W 4	301334117	18442	Indian			
LC TRIBAL 13-16D-56         16         050S         060W         4301334282         17601         Indian         OW         P           FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Federal         OW         P           FEDERAL 14-6D-64         6         060S         040W         4301334285         17616         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal         OW         P           FEDERAL 3-5D-64         5         060S         040W         4301334287         17617         Federal         OW         P									+	
FEDERAL 11-6D-64         6         060S         040W         4301334284         17615         Federal         OW         P           FEDERAL 14-6D-64         6         060S         040W         4301334285         17616         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal         OW         P           FEDERAL 3-5D-64         5         060S         040W         4301334287         17617         Federal         OW         P										
FEDERAL 14-6D-64         6         060S         040W         4301334285         17616         Federal         OW         P           FEDERAL 2-6D-64         6         060S         040W         4301334286         17663         Federal         OW         P           FEDERAL 3-5D-64         5         060S         040W         4301334287         17617         Federal         OW         P									<del> </del>	
FEDERAL 2-6D-64 6 060S 040W 4301334286 17663 Federal OW P FEDERAL 3-5D-64 5 060S 040W 4301334287 17617 Federal OW P									<u> </u>	·
FEDERAL 3-5D-64 5 060S 040W 4301334287 17617 Federal OW P		+							<del></del>	
Total Carlot Control C									+=	
FEDERAL 6-5D-64 5 060S 040W 4301334288 17649 Federal OW P								+	P	
	FEDERAL 6-5D-64		_060S	040W 4:	30133 <b>4288</b>	17649	Federal	OW	P	

SFW TRIBAL 10-10D-54	10	050S	040W	4301334295	17564	Indian	ow	P	
SFW TRIBAL 9-10D-54	10	050S	040W	4301334296	17565	Indian	OW	P	
STATE TRIBAL 16-10-54	10	050S	040W	4301350245	17553	Indian	ow	P	
UTE TRIBAL 6-14D-55	14	050S	050W	4301350246	17602	Indian	OW	P	
SFW FEE 15-10-54	10	050S		4301350247	+		ow	P	
FEDERAL 5-5D-64	5	060S		4301350259			OW	P	
LC TRIBAL 6-22D-56	22	050S	060W	4301350260	17567	Indian	OW	P	
FEDERAL 12-6D-64	6	060S	+	4301350261			ow	P	
LC TRIBAL 4-27D-56	27	050S		4301350262			ow	P	
FEDERAL 4-5D-64	5	060S		4301350263			ow	P	
FEDERAL 1-6-64	6	<del></del>		4301350266			ow	P	
FEDERAL 4-6D-64	6	060S		4301350267			ow	P	
FEDERAL 3-6D-64	6	+		4301350268			ow	P	
FEDERAL 5-6D-64	6	060S	_	4301350269	_		ow	P	
FEDERAL 8-6D-64	6			4301350325	1		OW	P	
FEDERAL 10-1D-65	1			4301350326			OW	P	
FEDERAL 11-1D-65	1	060S		4301350327			OW	P	
FEDERAL 12-1D-65	1	+		4301350328	-		OW	P	
FEDERAL 13-1D-65	1	060S		4301350329			OW	P	
FEDERAL 14-1D-65	1			4301350329			OW	P	
FEDERAL 13-5D-64	5			4301350337			OW	P	1
FEDERAL 14-5D-64	5			4301350337			OW	P	
FEDERAL 9-1D-65	1	060S		4301350342	+	-	ow	P	
FEDERAL 13-6D-64	6			4301350347			ow	P	
FEDERAL 11-5D-64	5			4301350347			OW	P	
FEDERAL 12-5D-64	5	060S		4301350348			ow	P	
FEDERAL 8-1D-65	1			4301350349			OW	P	
UTE TRIBAL 3-14D-54	14		+					<del></del>	
UTE TRIBAL 1-34D-55	34			4301350389	+		OW	P	
UTE TRIBAL 7-14-54	14	. +		4301350408			OW	P	
UTE TRIBAL 7-14-34 UTE TRIBAL 8-21D-55	21			4301350409		<del></del>	OW	P	
UTE TRIBAL 8-21D-33	<del>-</del>			4301350435			OW	P	
	34	_		4301350436			OW	P	
UTE TRIBAL 5-16D-54	16	+		4301350475			OW	P	
UTE TRIBAL 12-14D-55	14			4301350476			OW	P	
UTE TRIBAL 8-15D-55	15	050S		4301350477			OW	P	
UTE TRIBAL 3-14-55	14		+	4301350478			OW	P	
UTE TRIBAL 5-14-55	14	050S		4301350479			OW	P	
UTE TRIBAL 8-10D-54	10			4301350488			OW	P	
UTE TRIBAL 7-34-55	34	050S		4301350510			ow	P	
FEDERAL 4-4D-65	4	060S		4301350521			OW	P	
FEDERAL 6-3D-64	3	060S		4301350522			ow	P	
FEDERAL 1-1D-64	1			4301350524			OW	P	
FEDERAL 7-2D-65	2			4301350525			ow	P	
BERRY TRIBAL 12-34D-54	34		+	4301350527			OW	P	
FEDERAL 15-5D-65	5			4301350553			OW	P	
FEDERAL 11-4D-64	4			4301350565			OW	P	
FEDERAL 6-6D-65	6			4301350566			OW	P	
LC TRIBAL 3-15D-56	15			4301350598			OW	P	
LC TRIBAL 8-16D-56	16			4301350599			OW	P	
LC FEE 16-16D-56	16	050S	060W	4301350601	18165	Fee	ow	P	
LC TRIBAL 10-16D-56	16	050S	060W	4301350602	18586	Indian	ow	P	
LC TRIBAL 15-22D-56	22	050S	060W	4301350606	18278	Indian	ow	P	
LC TRIBAL 5-23D-56	23	050S	060W	4301350625	18285	Indian	OW	P	
LC TRIBAL 5-14D-56	14	050S	060W	4301350661	18219	Indian	OW	P	
SFW FEE 14-10D-54	10	050S	040W	4301350686	18070	Fee	OW	P	1
LC FEE 1-22D-56	22	050S		4301350718			ow	P	
FEDERAL 8-2D-65	2	060S		4301350719			OW	P	
FEDERAL 1-2D-64	2	** . *		4301350730			OW	P	
FEDERAL 7-2D-64	2	060S		4301350734			OW	P	
FEDERAL 10-6D-64	6			4301350735			OW	P	
FEDERAL 4-3D-64	3			4301350736			OW	P	
FEDERAL 12-3D-64	3			4301350737			ow	P	
LC TRIBAL 3-21D-56	21			4301350751			OW -	P	
LC TRIBAL 5-21D-56	21			4301350752			OW	P	
FEDERAL 2-1D-65	1			4301350759			OW	P	
FEDERAL 3-1D-65	1	060S		4301350760				<del></del>	
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FEDERAL 5-1D-65	1	060S	+		<del></del>	Federal	OW	P	
FEDERAL 9-2D-65	2	060S	050V	4301350762	18245	Federal	ow	P	
FEDERAL 11-2D-65	2	060S	050V	4301350763	18589	Federal	OW	P	
FEDERAL 15-2D-65	2	060S	050V	4301350764	18590	Federal	ow	P	
LC TRIBAL 14-14D-56	14			4301350776			ow	P	
LC FEE 2-20D-56	20		<del>, </del>	4301350777	18622		OW	P	
LC TRIBAL 12-22D-56	22			4301350780			OW	P	
FEDERAL 3-4D-65	4		+	4301350782			OW	P	
FEDERAL 6-4D-65	4		+	4301350782	+	<del></del>	ow	P	
FEDERAL 12-4D-65	4			/ 4301350784			OW	P	
	-						+		
LC TRIBAL 14-15D-56	-	050S		4301350834			OW	P	
UTE TRIBAL 7I-21D-54	21	050S		4301350852			OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 8L-21D-54	21	050S			18423		OW	P	BERRY PILOT EOR 246-02
UTE TRIBAL 10S-21D-54	21		-				ow	P	BERRY PILOT EOR 246-02
UTE TRIBAL 11-11-54	11	050S	040V	4301350861	18775	Indian	OW	P	
LC TRIBAL 2-28D-56	28	050S	060V	4301350866	18592	Indian	OW	P	
LC FEE 8-28D-56	28	050S	060V	4301350867	18342	Fee	ow	P	
LC TRIBAL 6-27D-56	27			4301350868			OW	P	
LC FEE 15-23D-56	23			4301350870		<del></del>	OW	P	
LC TRIBAL 15-26-56	26	-	+	4301350870	18377		OW OW	P	
UTE TRIBAL 16-11-55	11	-	+		18707		OW	P	
	<del> </del>	•					_	<u> </u>	
LC TRIBAL 2-5D-56	5	+	~+		18568		OW	P	
LC TRIBAL 2-9D-56	9			4301350926			OW	P	
LC FEE 8-29-45	29			4301350928			OW	P	
LC FEE 13-29-45	29	040S	050V	4301350929	18426	Fee	OW	P	
LC FEE 9-12D-57	12	050S	070V	4301350963	18541	Fee	OW	P	
LC FEE 1-22-57	22				18558	+	OW	P	
LC TRIBAL 11-3D-56	3			4301350966	+	·	OW	P	
LC TRIBAL 3-34-45	34			4301350976	4	TWY-71504 - WYM	OW	P	
LC TRIBAL 9-10D-56	10				18944		OW	P	
					+			-	
LC TRIBAL 10-9D-56	9		+	4301350990	18864		OW	P	
LC FEE 10-31D-45	31			4301350994			OW	P	
VIEIRA TRIBAL 4-4-54	4		+	4301350997			OW	P	
LC TRIBAL 10-21-56	21			4301350999			OW	P	
FEDERAL 1-5D-64	5	060S	040V	4301351012	18720	Federal	OW	P	
FEDERAL 2-5D-64	5	060S	040V	4301351013	18723	Federal	OW	P	
FEDERAL 7-5D-64	5	060S	040V	4301351014	18722	Federal	OW	P	
FEDERAL 8-5D-64	5			4301351015			OW	P	
MYRIN TRIBAL 15-10-55	10			V 4301351024	+		OW	P	
LC TRIBAL 15-15D-56	15						OW	P	
LC TRIBAL 9-15D-56	15			V 4301351030 V 4301351031			OW	P	
LC TRIBAL 6-28-45	<del></del>			V 4301351031 V 4301351034				÷	70.00
	28						OW	P	
FEDERAL 1-12D-65	12			4301351055			OW	P	
FEDERAL 8-12D-65	12			4301351056			OW	P	
FEDERAL 2-12D-65	12			4301351057			OW	P	
LC TRIBAL 15-8D-56	8	050S	060V	V 4301351060	18862	Indian	OW	P	
LC TRIBAL 8-22D-56	22	050S	060V	4301351069	19233	Indian	OW	P	
LC TRIBAL 9-17D-56	17	050S	060V	4301351070	18945	Indian	ow	P	
LC TRIBAL 7-27-45	27			V 4301351073			OW	P	
LC TRIBAL 11-24-45	24		+	V 4301351076	775,864,811	·	OW	P	
FEDERAL 3-12D-65	12			4301351070			ow	P	
FEDERAL 4-12D-65									
	12			4301351094			OW	P	
FEDERAL 5-12D-65	12			4301351095			OW	P	
FEDERAL 6-12D-65	12			4301351096			OW	P	
LC TRIBAL 9-8D-56	8			4301351112			OW	P	
UTE TRIBAL 4-9-54	9	050S	040V	4301351126	19059	Indian	OW	P	
UTE TRIBAL 6-9-54	9	050S	040V	4301351127	19017	Indian	OW	P	
UTE TRIBAL 2-9-54	9			4301351128			OW	P	
UTE TRIBAL 1-10-54	10			4301351129			OW	P	
LC TRIBAL 8-30D-56	30			4301351121			OW	P	
LC TRIBAL 16-30D-56	30			V 4301351131 V 4301351132					
FEDERAL 1-1D-65				<del></del>			OW	P	
	1			4301351142			OW	<u>P</u>	
UTE TRIBAL 8-9-54	9		-	4301351143			OW	P	1
FEDERAL 15-1D-65	1			4301351175			OW	P	
FEDERAL 16-1D-65	1	060S	050V	4301351176	18655	Federal	OW	P	
LC TRIBAL 11-29D-56	29			4301351183			OW	P	
								1	The second secon

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STATE TRIBAL 8-12-55	12			V 4301351188			OW	P	
LC TRIBAL 11-20D-56	20			V 4301351189			OW	P	
LC FEE 5-20D-56	20			V 4301351190			OW	P	
LC FEE 9-19-56	19	050S	0601	V 4301351192	18596	Fee	OW	P	
LC TRIBAL 9-9D-56	9	050S	0601	V 4301351198	18595	Indian	OW	P	
FEDERAL 16-6-64	6	060S	0401	V 4301351217	18792	Federal	OW	P	
FEDERAL 9-6D-64	6	060S	0401	V 4301351218	18791	Federal	OW	P	
UTE TRIBAL 5-17-55	17	050S	0501	V 4301351220	18841	Indian	ow	P	
UTE TRIBAL 16-3-54	3	050S	0401	V 4301351226	18664	Indian	ow	P	
STATE TRIBAL 15-6-54	6			V 4301351227	-	+	ow	P	
STATE TRIBAL 8-7-54	7			V 4301351228		·	OW	P	
STATE TRIBAL 12-1-55	1		_	V 4301351229			OW	P	
STATE TRIBAL 11-2-55	2			V 4301351230			OW	P	1
FEDERAL 1-11-65	11			V 4301351231			OW	P	
FEDERAL 8-11D-65	11	-		V 4301351232			OW	P	
FEDERAL 2-11D-65	11			V 4301351233			OW	P	
STATE TRIBAL 12-3-55	3			V 4301351236			OW	P	
UTE TRIBAL 11-4-55	4			V 4301351237			OW	P	
UTE TRIBAL 4-9-55	9			V 4301351237 V 4301351238			OW	P	
UTE TRIBAL 15-5-55	5			V 4301351236 V 4301351239				P	
UTE FEE 9-9-54	9						OW	P	781000
				V 4301351259			OW	ļ*	1412
LC TRIBAL 4-29-45	9			V 4301351260			OW	P	
UTE FEE 14-9D-54	<u> </u>			V 4301351271			OW	P	
UTE FEE 15-9D-54	9			V 4301351272			OW	P	
LC FEE 10-28D-56	28			V 4301351288			OW	P	
UTE TRIBAL 8-16D-54	16			V 4301351295			OW	P	
FEE TRIBAL 4-5-54	5			V 4301351303			OW	P	
LC TRIBAL 1-26-56	26			V 4301351306	_		OW	P	
UTE TRIBAL 6-16D-54	16			V 4301351307			OW	P	
LC TRIBAL 7-22D-56	22			V 4301351308			OW	P	
LC TRIBAL 9-22D-56	22	050S	060	V 4301351309	18794	Indian	OW	P	
LC TRIBAL 9-32D-56	32	050S	_060V	V 4301351316	19228	Indian	OW	P	
LC TRIBAL 7-26D-56	26	050S	060	V 4301351319	18817	Indian	OW	P	
LC FEE 8-6D-56	6	050S	0601	V 4301351342	18657	Fee	OW	P	
LC FEE 10-29D-45	29	040S	050	V 4301351343	18850	Fee	ow	P	
LC TRIBAL 1-7D-56	7	050S	0601	V 4301351344	18774	Indian	ow	P	
LC TRIBAL 9-7D-56	7			V 4301351346	<del>-</del>		OW	P	
LC TRIBAL 11-10D-56	10			V 4301351369			OW	P	
LC FEE 1-31D-45	31		_	V 4301351371			OW	P	
LC TRIBAL 14-21D-56	21			V 4301351384			OW	P	
LC TRIBAL 4-22D-56	22			V 4301351385			OW	P	
LC TRIBAL 8-21D-56	21			V 4301351392	***		OW	P	
UTE TRIBAL 1-17-55	17			V 4301351393		<del></del>	OW OW	P	-
LC TRIBAL 4-33D-45	33			V 4301351401			OW	P	
LC TRIBAL 16-21D-56	21			V 4301351407			OW	P	
UTE TRIBAL 2-10D-54	10			V 4301351407 V 4301351411			OW	P	
UTE TRIBAL 4-10D-54	10			V 4301351411 V 4301351414				P	
LC TRIBAL 2-21D-56	16			V 4301331414 V 4301351418			OW		
LC TRIBAL 1-23D-45	+						OW	P	
LC TRIBAL 2-28D-45	23			V 4301351425			OW	P	
LC TRIBAL 2-28D-45	28			V 4301351429			OW	P	
	28			V 4301351430			OW	P	
LC TRIBAL 1-29-56	29			V 4301351442			OW	P	-
LC FEE 1-1-56	1			V 4301351458			OW	P	
LC Tribal 12-32-45	32			V 4301351465			OW	P	
UTE TRIBAL 2-5-54	5			V 4301351520			OW	P	
LC Tribal 3-32D-45	32			V 4301351561			OW	P	
LC TRIBAL 5-15D-56	15			V 4301351562			OW	P	
LC FEE 16-36-56	36			V 4301351611			OW	P	
LC TRIBAL 15-34-56	34			V 4301351647			OW	P	
LC TRIBAL 1-34D-56	34			V 4301351660			OW	P	
LC FEE 13-23-56	23	050S	0601	V 4301351706	18994	Fee	OW	P	
LC FEE 11-23D-56	23			V 4301351707			OW	P	
LC TRIBAL 3-33-56	33			V 4301351711			OW	P	
LC FEE 11-29D-45	29			V 4301351743			OW	P	
LC FEE 4-28D-45	29			V 4301351745			OW	P	
CC Fee 7R-28-38	28			V 4301351852			OW OW	P	
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FEDERAL 6-7-64	7	060S	040W	4301351915	19117	Federal	OW	P	
FEDERAL 3-7D-64	7	060S	040W	4301351916	19115	Federal	OW	P	
FEDERAL 4-7D-64	7	060S	040W	4301351917	19110	Federal	OW	P	
FEDERAL 5-7D-64	7	060S	040W	4301351918	19111	Federal	OW	P	
FEDERAL 2-7-64	7			4301351919			OW	P	
FEDERAL 1-7D-64	7				19140		OW	P	
FEDERAL 12-7D-64				4301351924			OW	P	
FEDERAL 11-7D-64				4301351925			OW	P	
FEDERAL 13-7D-64	·				19026		OW OW	P	
FEDERAL 14-7D-64				4301351927			OW OW	P	
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FEDERAL 7-7D-64						Federal		P	
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FEDERAL 9-7D-64						Federal	OW	P	
FEDERAL 10-7D-64	<del></del>					Federal	OW	P	<u> </u>
ABBOTT FEE 2-6D-54				4301351949			OW	P	
ABBOTT FEE 8-6D-54				4301351950			OW	P	
ABBOTT FEE 4-6-54	6			4301351952			OW	P	
Federal 15-12D-65	12			4301351992			OW	P	
Federal 10-12D-65	12	060S	050W	4301351999	19052	Federal	OW	P	
Federal 9-12D-65	12	060S	050W	4301352000	19053	Federal	OW	P	
Federal 16-12D-65	12	060S	050W	4301352003	19054	Federal	OW	P	
Federal 1-6D-65	6			4301352012			OW	P	
Federal 3-6D-65				4301352014			OW	P	
Federal 2-6-65						Federal	OW	P	
Federal 7-6D-65				4301352017			ow	P	
Federal 16-11D-65				4301352015			OW OW	P	
Federal 15-11D-65							OW OW	P	
				4301352046				P	
Federal 10-11D-65	11					Federal	OW	17	
Federal 9-11D-65	-					Federal	OW	P	
Federal 11-12D-65				4301352049		Federal	OW	P	
Federal 12-12D-65	12			4301352050			OW	P	
Federal 13-12D-65				4301352052		Federal	OW	P	
Federal 14-12D-65	12			4301352053	19124	Federal	OW	P	
LC Tribal 12-28D-45	28	040S	050W	4301352089	19378	Indian	OW	P	
LC Tribal 2-32D-45	32	040S	050W	4301352113	19348	Indian	OW	P	
LC Tribal 16-29D-45	32	040S	050W	4301352114	19349	Indian	OW	P	
Vieira Tribal 3-4D-54	4	050S	040W	4301352145	19210	Indian	ow	P	
Vieira Tribal 5-4D-54	4	050S	040W	4301352146	19193	Indian	ow	P	
Vieira Tribal 6-4D-54	4	050S	040W	4301352147	19216	Indian	OW	P	
Lamplugh Tribal 6-3D-54	3			+		<del></del>	OW	P	
Lamplugh Tribal 5-3D-54	3		+	4301352149			GW	P	1
Lamplugh Tribal 4-3D-54				4301352150			OW	P	
Lamplugh Tribal 3-3D-54	3			4301352151			OW	P	
UTE Tribal 6-35D-54	35			4301352158			GW	P	
UTE Tribal 4-35D-54	35			4301352159			GW	P	
	11							+	
Heiner Tribal 3-11D-54	<del> </del>			4301352165			OW	P	
Heiner Tribal 4-11-54	11			4301352166			OW	P	<del>-</del>
Heiner Tribal 5-11D-54	11			4301352167			OW	P	
Conolly Tribal 1-11D-54	11			4301352168			OW	P	
Conolly Tribal 2-11D-54	11			4301352169			OW	P	<u> </u>
Conolly Tribal 7-11D-54	11			4301352170			OW	P	
Conolly Tribal 8-11D-54	11			4301352171			OW	P	
Casper Tribal 1-5D-54	5	050S	040W	4301352180	19198	Indian	OW	P	
Fee Tribal 6-5D-54	5	050S	040W	4301352181	19199	Indian	OW	P	
Fee Tribal 5-5D-54	5	050S	040W	4301352182	19200	Indian	OW	P	
Fee Tribal 3-5D-54	5			4301352184			OW	P	
Casper Tribal 7-5D-54	5			4301352185			OW	P	
UTE Tribal 10-35D-54	35			4301352198			OW	P	
UTE Tribal 14-35D-54	35			4301352199			GW	P	
UTE Tribal 12-35D-54	35			4301352200			OW	P	
UTE Tribal 16-35D-54	35			4301352200			OW OW	P	
Evans Tribal 1-3-54	3							P	
Evans Tribal 1-3-34 Evans Tribal 2-3D-54	+			4301352234			OW		
	3			4301352235			OW	P	<u> </u>
Evans Tribal 7-3D-54	3			4301352236			OW	P	:
Evans Tribal 8-3D-54	3	050S		4301352237			OW	P	
Ute Tribal 9-3D-54	3	050S	1040W	4301352249	119236	Indian	OW	P	

Ute Tribal 15-3D-54	3	050S	040W 430135	2250 19237	7 Indian	OW	P	
Ute Tribal 10-3-54	3	050S	040W 430135	2251 19238	Indian	OW	P	
Ute Tribal 14-3D-54	3	050S	040W 430135	2298 19258	Indian	ow	P	
Ute Tribal 12-3D-54	3	050S	040W 430135	2299 19259	Indian	ow	P	
Ute Tribal 11-3D-54	3		040W 430135		Indian	ow	P	
Ute Tribal 16-4D-54	4		040W 430135		) Indian	OW	P	
Ute Tribal 15-4D-54	4		040W 430135		3 Indian	OW	P	
Ute Tribal 9-4D-54	4		040W 430135		Indian	OW OW	P	
Ute Tribal 10-4D-54	4		040W 430135		Indian	ow ow	P	
UTE Tribal 2-35D-54	35		040W 430135		2 Indian	OW	P	
UTE Tribal 8-35D-54	35		040W 430135			ow	P	
Abbott Fee 5-6D-54	6		040W 430135			OW	P	
Ute Tribal 6-11D-54								
	11		040W 430135			OW	P	
Ute Tribal 12-11D-54	11		040W 430135			OW	P	
Ute Tribal 14-11D-54	11		040W 430135			OW	P	
Ute Tribal 11-4D-54	4		040W 430135		Indian	OW	P	
Ute Tribal 12-4D-54	4		040W 430135		2 Indian	OW	P	
Ute Tribal 13-4D-54	4	050S	040W 430135	2345 19353	Indian	OW	P	
Ute Tribal 14-4D-54	4	050S	040W 430135	2346 19306	6 Indian	OW	P	
Ute Tribal 16-5D-54	5	050S	040W 430135	2545 99999	Indian	OW	P	
Ute Tribal 15-5D-54	5	050S	040W 430135	2546 99999	Indian	OW	P	
Ute Tribal 10-5D-54	5	050S	040W 430135	2547 99999	Indian	OW	P	
Ute Tribal 8-5D-54	5	050S	040W 430135			OW	P	
SCOFIELD-THORPE 26-31	26			0987 15218		D	PA	
SCOFIELD-THORPE 26-43	26			0990 14922		D	PA	
SCOFIELD CHRISTIANSEN 8-23	8	1205	+	0999 15172		D	PA	
CC FEE 7-28-38	28	0308	080W 430135		<del></del>	D	PA	-
CC FEE 8-9-37	9							
ST LOST CREEK 32-44			070W 430135			D	PA	
	32	1108	070E 430493		State	D	PA	
SCOFIELD THORPE 25-41X RIG SKID	22	120S	070E 430073			GW	S	
SCOFIELD-THORPE 35-13	35	120S	070E 430073			GW	S	
SCOFIELD-THORPE 23-31	23	120S	070E 430073			GW	S	
NUTTERS RIDGE FED 5-1	5	060S	040W 430133			OW	S	
WIRE FENCE CYN FED 15-1	15	060S	050W 430133			GW	S	
R FORK ANTELOPE CYN FED 25-1	25	060S	050W 430133		Federal	OW	S	
WOLF HOLLOW 22-1	22	060S	050W 430133	0425 10370	Federal	GW	S	
ANTELOPE RIDGE 24-1	24	060S	050W 430133	0426 1037	l Federal	OW	S	
B C UTE TRIBAL 8-21	21	050S	040W 430133	0829 8414	Indian	OW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 10-21	21	050S	040W 430133	1283 11133	3 Indian	GW	S	BERRY PILOT EOR 246-02
Z and T UTE TRIBAL 12-22	22	050S	040W 430133	1311 11421	Indian	OW	S	
UTE TRIBAL 15-17	17	050S	040W 430133			OW	S	
UTE TRIBAL 7-30	30		040W 430133			OW	S	
UTE TRIBAL 8-35-55	35		050W 430133			OW	S	
UTE TRIBAL 10-16-55	16		050W 430133			OW	S	
FOY TRIBAL 11-34-55	34		050W 430133			OW	S	
UTE TRIBAL 13-30-54	30		040W 430133					
UTE TRIBAL 3-33-54	33		040W 430133			OW	S	
UTE TRIBAL 1-20-55						OW	S	
	20		050W 430133			OW	S	
UTE TRIBAL 11-30-54	30		040W 430133			OW	S	
UTE TRIBAL 2-24-54	24		040W 430133			OW	S	***
UTE TRIBAL 10-14-55	14		050W 430133			OW	S	
MOON TRIBAL 3-27-54	27		040W 430133			OW	S	
UTE TRIBAL 7-21-54	21		040W   430133			OW	S	BERRY PILOT EOR 246-02
UTE TRIBAL 16-24-55	24	050S	050W 430133	2672 14384	Indian	GW	S	
UTE TRIBAL 7-35-54	35	050S	040W 430133	2774 15019	Indian	OW	S	
UTE TRIBAL 16-25-54	25	050S	040W 430133	2779 15078	Indian	OW	S	
MOON TRIBAL 13-27-54	27		040W 430133		7 Indian	OW	S	
UTE TRIBAL 15-15-55	15		050W 430133			OW	S	
UTE TRIBAL 5-36-55	36		050W 430133		Indian	OW OW	S	
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UTE TRIBAL 8-24-54	24	0508				10 11	ر ا	1
UTE TRIBAL 8-24-54 UTE TRIBAL 12-15-55	15					OW	C	
UTE TRIBAL 12-15-55	15	050S	050W 430133	2981 15348	Indian	OW	S	DEDDY BU OT FOR ALL OF
UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54	15 21	050S 050S	050W 430133 040W 430133	2981 15348 3040 15360	Indian Indian	OW	S	
UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54 UTE TRIBAL 15-21-54	15 21 21	050S 050S 050S	050W 430133 040W 430133 040W 430133	2981 15348 3040 15360 3114 15441	Indian Indian Indian	OW OW	S S	
UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54 UTE TRIBAL 15-21-54 UTE TRIBAL 10-16-54	15 21 21 16	050S 050S 050S 050S	050W 430133 040W 430133 040W 430133 040W 430133	2981   15348 3040   15360 3114   15441 3129   15454	Indian Indian Indian Indian Indian	OW OW OW	S S S	BERRY PILOT EOR 246-02 BERRY PILOT EOR 246-02
UTE TRIBAL 12-15-55 UTE TRIBAL 9-21-54 UTE TRIBAL 15-21-54	15 21 21	050S 050S 050S 050S 050S	050W 430133 040W 430133 040W 430133	2981   15348 3040   15360 3114   15441 3129   15454 3140   15601	Indian Indian Indian Indian Indian I Fee	OW OW	S S	

UTE TRIBAL 9-5-54	5	050S	040W	4301351111	18909	Indian	OW	S	
ABBOTT FEE 6-6-54		050S	040W	4301351948	18963	Fee	OW	S	